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File 347:JAPIO Dec 1976-2009/Oct(Updated 100129)

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File 350:Derwent WPIX 1963-2009/UD=201011

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Set	Items	Description
S1	22987	((MEDIA(1W)ACCESS???) (1W)CONTROL? ?) OR MAC? ?
S2	677572	(LAYER? ?(2N)(TWO OR SECOND OR 2 OR 2ND OR NEXT)) OR L2 OR L()2
S3	699133	S1 OR S2
S4	9985	S3(5N)(NETWORK? OR DISTRIBUTED() (MEDIUM OR MEDIA OR SYSTEM OR COMMUNICAT? OR TRANSMIT???? OR TRANSMISSION? ? OR TRANSFER-?) OR LAN? ? OR WAN? ? OR NODE? ? OR SERVER? ? OR NAMESPACE? ? OR NAME()SPACE? ? OR DOMAIN? ?)
S5	458689	(OUTPUT? OR BROADCAST? OR PROLIFERAT? OR UPLOAD? OR TRANSMIT? OR TRANSMISSION? ? OR SEND? OR SENT OR TRANSFER? OR ROUTE OR ROUTING OR FORWARD?) (10N)(LEARN? OR FEEDBACK? OR FEED()BACK? OR RESPOND? OR RESPONSE? ? OR COMMENT OR COMMENTS OR REMARK OR REMARKS OR ANSWER? ? OR STATEMENT? ? OR REPL??? OR RATE? ? OR RATING OR SCORE? ? OR SCORING OR GRADE? ? OR GRADING)
S6	450	S4(40N)S5
S7	18956	S3(3N)(ADDRES? OR ID OR IDS OR IDENTIFIER? ? OR IDENTIFICATION? ? OR ADDRESS?? OR POINTER? ? OR CODE OR CODES OR NUMBER? ? OR LOCATION? ? OR TAG? ? OR REFERENCE? ? OR INDEX?? OR INDICES)
S8	235	S7(30N)S6
S9	242811	(CONTINUOUS? OR CONTINUAL? OR REGULAR? OR FREQUENT? OR INTERMITTENT? OR SPORADIC? OR PERIOD? OR INTERVAL? ? OR MOMENTS - OR INTERMEDIAT?)(4N)(OUTPUT? OR BROADCAST? OR PROLIFERAT? OR - UPLOAD? OR TRANSMIT? OR TRANSMISSION? ? OR SEND? OR SENT OR TRANSFER? OR ROUTE OR ROUTING OR FORWARD?)
S10	92	S8 AND PY=1963:2004
S11	6	S10 AND S9
S12	92	S8 AND PY=1963:2004

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Subject summary

? t/ 3,k/ all

Dialog eLink: [Order File History](#)

11/3,K/1 (Item 1 from file: 347)

DIALOG(R) File 347: JAPIO

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04191855 ** Image available**

PACKET TRANSMISSION RATE MEASUREMENT DEVICE

Pub. No.: 05-183555 [JP 5183555 A]

Published: July 23, 1993 (**19930723**)

Inventor: YOSHII TAKANOBU

Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)

Application No.: 04-000711 [JP 92711]

Filed: January 07, 1992 (19920107)

Journal: Section: E, Section No. 1456, Vol. 17, No. 601, Pg. 33, November 04, 1993 (19931104) ...

Published: **19930723**)

ABSTRACT

...measurement device 1 at a 1st point outputs a transmission command signal at a prescribed **interval** and when a **transmission** command signal is received from the timer section 3, the packet transmission section 4 sends... ..of the measurement device 1 at a 2nd point receives a packet transferred through the **LAN** 2 and the **MAC** bridge having an **address** of its own station and counts number of packets received at a measurement interval designated by a measurement interval command signal from the timer section 5. A **transmission rate** calculation section 8 divides the count of the packets by a time interval of the... ..command signal represented by the information from the timer section 5 and multiplies the time **interval** of the **transmission** command signal represented by the information from the timer section 3 to calculate the transmission... Di01

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11/3,K/2 (Item 2 from file: 347)

DIALOG(R) File 347: JAPIO

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04191854 ** Image available**

PACKET TRANSMISSION RATE MEASUREMENT DEVICE

Pub. No.: 05-183554 [JP 5183554 A]

Published: July 23, 1993 (**19930723**)

Inventor: YOSHII TAKANOBU

Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)

Application No.: 04-000027 [JP 9227]

Filed: January 06, 1992 (19920106)

Journal: Section: E, Section No. 1456, Vol. 17, No. 601, Pg. 33, November 04, 1993 (19931104) ...

Published: **19930723**)

ABSTRACT

...measurement device 1 at a 1st point outputs a transmission command signal at a prescribed **interval** and when a **transmission** command signal is received from the timer section 3, the packet transmission section 4 sends... ..receives a packet with priority decided by the priority decision section 8 transferred through the **LAN** 2 and the **MAC** bridge having an **address** of its own station and counts number of packets received at a measurement interval designated by a measurement interval command signal from the timer section 5. A **transmission rate** calculation section 9 divides the count of the packets by a time interval of the... ..command signal represented by the information from the timer section 5 and multiplies the time **interval** of the **transmission** command signal represented by the information from the timer section 3 to calculate, the transmission... Di01

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11/3,K/3 (Item 1 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014444946 *Drawing available*

WPI Acc no: 2004-635710/200461

XRPX Acc No: N2004-502433

Network system e.g. for virtual local area network, has nodes that transmits running frame through path that is mutually opposite to other path through which main signal frame is regularly transmitted

Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE)

Inventor: ENOMOTO N; HIDAKA Y; IWATA A; Umayabashi M; ATSUSHI I; MASAKI U; NOBUYUKI E; YOUICHI H

Patent Family (11 patents, 108 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004075482	A1	20040902	WO 2004JP124	A	20040109	200461	B
CA 2437669	A1	20040819	CA 2437669	A	20030819	200461	E
US 20040225725	A1	20041111	US 2003642481	A	20030818	200475	E
EP 1601137	A1	20051130	EP 2004701101	A	20040109	200578	E
			WO 2004JP124	A	20040109		
TW 200423609	A	20041101	TW 2004103720	A	20040217	200612	E
KR 2005101347	A	20051021	WO 2004JP124	A	20040109	200649	E
			KR 2005715444	A	20050819		
JP 2005502664	X	20060810	WO 2004JP124	A	20040109	200654	E
			JP 2005502664	A	20040109		
CN 1802818	A	20060712	CN 200480010503	A	20040109	200675	E
JP 4182977	B2	20081119	WO 2004JP124	A	20040109	200878	E
			JP 2005502664	A	20040109		
CN 101335705	A	20081231	CN 200810107952	A	20040109	200915	E
TW 302406	B1	20081021	TW 2004103720	A	20040217	200929	E

Priority Applications (no., kind, date): JP 200341727 A 20030219; WO 2004JP124 A 20040109

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2004075482	A1	JA	207	53	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
CA 2437669	A1	EN			
EP 1601137	A1	EN			PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
TW 200423609	A	ZH			
KR 2005101347	A	KO			PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
JP 2005502664	X	JA	115		PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
JP 4182977	B2	JA	95		PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
TW 302406	B1	ZH			

...through path that is mutually opposite to other path through which main signal frame is regularly transmitted **Alerting Abstract** ...path that is mutually opposite to another path through which the main signal frame is regularly transmitted. Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**The network system of the invention, in a network connected with multiple nodes, a node **sending learning** frame comprises a table cache memory for storing addresses of clients performing **sending** request of **learning** frame under the node, a **MAC forwarding** table memory for storing addressee label information corresponding to **addressee MAC address** or **addressee** port information corresponding to **addressee MAC address**, learning frame manager for confirming a frame needed by learning action referring to the table...
...**Claims:**node for sending learning frame comprises: a table cache memory for storing addresses of clients performing **sending** request of **learning** frame under the node, a **MAC forwarding** table memory for storing addressee label information corresponding to **addressee MAC address** or **addressee** port information corresponding to **addressee MAC address**, learning frame manager for confirming a frame needed by learning action referring to the table...
... CLAIM 2] A **learning** bridge node, in a node sending **learning** frame of network connected with multiple nodes, comprising: a table cache memory for storing addresses of clients performing **sending** request of **learning** frame under the node, a **MAC forwarding** table memory for storing addressee label information corresponding to **addressee MAC address** or **addressee** port information corresponding to **addressee MAC address**, learning frame manager for confirming a frame needed by learning action referring to the table...
... system for a network having plural nodes connected, wherein a node belonging to said network **transmit** a learning frame **periodically** to a path opposite to that in which a main signal frame flows...
... system for a network having plural nodes connected, wherein a node belonging to said network **transmit** a learning frame **periodically** to a path opposite to that in which a main signal frame flows.... Basic Derwent Week: **200461**...

Dialog eLink: [Order File History](#)

11/3,K/4 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013973075 *Drawing available*

WPI Acc no: 2004-153911/**200415**

XRFX Acc No: N2004-122949

Address resolution protocol request processing method in communication network, involves judging active state of off-load adapter based on which adapter for old and new networks, is allocated using packet reception time

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BRITTON E G; HAGGAR J D; ISREL M; VASHAW B C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6678725	B1	20040113	US 2000548976	A	20000414	200415	B

Priority Applications (no., kind, date): US 2000548976 A 20000414

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6678725	B1	EN	17	14	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**the offload adapter X a mapping of the IP address for adapter X with a **Media Access Control (MAC)** address of the adapter X, whereby in response to the **registration**, the offload adapter X broadcasts an ARP advertisement to all hosts in the same network as offload adapter X, the advertisement mapping the IP address of adapter X to the **Media Access Control (MAC)** address of adapter X, and determining what **physical network contains the offload** adapter X, in response to the inactivation of offload adapter X: determining if there is... .. receive a return of all packets broadcast in the last step, c) if the packet **broadcast** in step a) returns to the first host over an adapter Z over which the broadcast packet was... .. Basic Derwent Week: **200415**...

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11/3,K/5 (Item 3 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013714152 *Drawing available*

WPI Acc no: 2003-811640/ **200376**

Related WPI Acc No: 2003-521433

XRPX Acc No: N2003-649838

Media access control address dissemination method in networked computing system, involves transmitting media access control address of new network device, received at particular network switch, to other switches, as packet

Patent Assignee: BARE B C (BARE-I); HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: BARE B C

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030179707	A1	20030925	US 1999228918	A	19990111	200376	B
			US 2003366042	A	20030212		
US 6947384	B2	20050920	US 2003366042	A	20030212	200562	E

Priority Applications (no., kind, date): US 1999228918 A 19990111; US 2003366042 A 20030212

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030179707	A1	EN	67	32	Continuation of application: US 1999228918
					Continuation of patent: US 6556541

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**pruned broadcast tree constructed and maintained by other protocols related to the present invention. Each **intermediate** switch on the **broadcast** tree eventually receives the **MAC** address information packet from a neighboring switch in the load balance domain. The received... .. If appropriate in accordance with the pruned broadcast tree, the received **MAC** address packet is **forwarded** from each receiving **intermediate** switch to other **neighbor** switches in the load balance domain... .. in effect, broadcast using the pruned broadcast tree constructed and maintained by other protocols related to the present invention. Each **intermediate** switch on the **broadcast** tree eventually receives the **MAC** address information packet from a neighboring switch in the load balance domain. The

11/3,K/6 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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Inventor: BRANN; BRANN J J; BALLYA T C

Patent Family (3 patents, 5 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 539704	A1	19930505	EP 1992115546	A	19920911	199318	B
JP 5235973	A	19930910	JP 1992232029	A	19920831	199341	E
US 5386542	A	19950131	US 1991785713	A	19911031	199511	E

Patent Details					
Patent Number	Kind	Lang	Pgs	Draw	Filing Notes
EP 539704	A1	EN	14	5	
Regional Designated States,Original	DE FR GB				
US 5386542	A	EN	12	5	

Alerting Abstract ...nodes of the network. The initial function of the TRM is to enable its local **transmit** state machine to **periodically broadcast** the Time Reference Protocol Data Unit (TR-PDU) around the ring... Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**TR-PDU; and at a time reference node performing the following steps implemented in a **media access control (MAC)** layer of the **ISO/OSI** communication model: replacing a current **Time Reference Value** with a received time, count and correction value from a local node; constructing and transmitting a new Time Reference Value in a modified TR-PDU; and resetting the clock-**counter** to a specified value in **response** to a set time reference period service call. ... Basic Derwent Week: **199318**...

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[illegible]

Search strategy and results – EIC 2100 - 2/18/2010 – Page 6 of 69

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12/3,K/1 (Item 1 from file: 347)

DIALOG(R) File 347: JAPIO

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08207488 ** Image available**

COMMUNICATION EQUIPMENT, CONGESTION AVOIDANCE METHOD, AND TRANSMISSION SYSTEM

Pub. No.: 2004-320248 [JP 2004320248 A]

Published: November 11, 2004 (20041111)

Inventor: ABE KENICHI

USUMI MOTOHARU

Applicant: FUJITSU LTD

Application No.: 2003-109475 [JP 2003109475]

Filed: April 14, 2003 (20030414) ...

Published: 20041111)

ABSTRACT

...loop so as to ensure a transmission band in transmitting the frames by using a **layer 2** protocol in a ring network, for example.

SOLUTION: The communication equipment 10a is provided with: an address **learning** section 14 for storing entry data cross-referencing a **sender MAC address**, a port **number 1**, and a reception time of a precedingly received frame respectively; a loop detection section... Di01

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12/3,K/2 (Item 2 from file: 347)

DIALOG(R) File 347: JAPIO

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08207426 ** Image available**

ATM BRIDGE APPARATUS, AND LOOP DETECTING METHOD IN ATM BRIDGE

Pub. No.: 2004-320186 [JP 2004320186 A]

Published: November 11, 2004 (20041111)

Inventor: KIMURA HIKARI

KANDA YASUHISA

Applicant: NEC CORP

NEC COMMUN SYST LTD

Application No.: 2003-108571 [JP 2003108571]

Filed: April 14, 2003 (20030414) ...

Published: 20041111)

ABSTRACT

...the maintenance of an ATM apparatus.

SOLUTION: The ATM bridge apparatus 1 interconnecting an ATM network 2 and a **layer 2 network 3** is provided with: a **MAC address learning** function for a packet **transmitted** from its own apparatus; and a filtering function that monitors the **MAC address** of the packet received from the ATM network and discriminates the presence of a loopback... Di01

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12/3,K/3 (Item 3 from file: 347)

DIALOG(R) File 347: JAPIO

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07770667 ** Image available**

MULTI-CAST COMMUNICATION SYSTEM, ROUTING DEVICE AND AUTHENTICATING SERVER DEVICE TO BE USED FOR THE SAME SYSTEM, PROGRAM FOR ROUTING DEVICE, PROGRAM FOR, AND MULTI-CAST COMMUNICATION METHOD

Pub. No.: 2003-264577 [JP 2003264577 A]

Published: September 19, 2003 (20030919)

Inventor: IZUTSU KO
TANABE AKIHIRO
HAYASHI TSUGUMASA
Applicant: NIPPON TELEGR & TELEPH CORP (NTT)
Application No.: 2002-063516 [JP 200263516]
Filed: March 08, 2002 (20020308) ...
Published: 20030919)

ABSTRACT

...while operating multi-cast communication based on the protocol of a reception side base.

SOLUTION: **Responding** to that the reception request of multi-cast data is **transmitted** from client devices 5 and 6, the authentication processing of a client is executed between routing devices 7 and 8, and an authenticating **server** device 9 by using the **MAC address** of the client device being the origin of reception request, the ID of the routing... Di01

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12/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347: JAPIO

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07256493 **Image available**

APPROVAL METHOD AND SYSTEM OF WIRELESS TERMINAL IN WIRELESS NETWORK

Pub. No.: 2002-124952 [JP 2002124952 A]
Published: April 26, 2002 (20020426)
Inventor: FUKUTOMI MASASHI
OTA MASATAKA
Applicant: FURUKAWA ELECTRIC CO LTD:THE
Application No.: 2000-312626 [JP 2000312626]
Filed: October 12, 2000 (20001012) ...
Published: 20020426)

ABSTRACT

...6) transmits a request first. A base station 1 relays the request, takes out the **MAC address** of the transmission origin and transmits a packet for the approval of the terminal to an approval server 7. When the approval **server** 7 receives the **MAC address**, it transmits an encoded session key. Then, the base station 1 keeps the session key and **transmits** the packet of the **response** with the session key. The wireless terminal (2-6) keeps the session key and, hereinafter... Di01

Dialog eLink: [Order File History](#)

12/3,K/5 (Item 5 from file: 347)

DIALOG(R)File 347: JAPIO

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06537220 **Image available**

NETWORK DEVICE CONTROLLER AND CONTROL METHOD

Pub. No.: 2000-122944 [JP 2000122944 A]
Published: April 28, 2000 (20000428)
Inventor: MIZUNO ATSUSHI
Applicant: CANON INC
Application No.: 10-293836 [JP 98293836]
Filed: October 15, 1998 (19981015) ...
Published: 20000428)

ABSTRACT

...the other network device by a search part 604. The device receiving it returns a **response** to which a **transmission** source **MAC address** is added to the **network** controller. The network controller receives it, displays the list of the devices by UI 606... Di01

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12/3,K/6 (Item 6 from file: 347)

DIALOG(R)File 347: JAPIO

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06413687 **Image available**

INTER-LAN CONNECTOR AND INTER-LAN CONNECTION SYSTEM

Pub. No.: 11-355345 [JP 11355345 A]
Published: December 24, 1999 (**19991224**)
Inventor: NANBA MIKAKO
NAKAMURA MAKOTO
Applicant: FURUKAWA ELECTRIC CO LTD:THE
Application No.: 10-164477 [JP 98164477]
Filed: June 12, 1998 (19980612) ...
Published: **19991224**)

ABSTRACT

...on the number of connectable points is less and data are relayed at a high **transfer rate** and at a low cost.

SOLUTION: The inter-LAN connector that relays data among pluralities... ..a virtual network address for each server being a device of relay destination, replies a **MAC address** of the **server** of the relay destination corresponding to the virtual network address when a medium access control **MAC address** of the virtual network address is requested and relays data not addressed to its server... Di01

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12/3,K/7 (Item 7 from file: 347)

DIALOG(R)File 347: JAPIO

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06180773 **Image available**

MAC BRIDGING METHOD

Pub. No.: 11-122323 [JP 11122323 A]
Published: April 30, 1999 (**19990430**)
Inventor: MURAYAMA JUNICHI
KITATSUME HIDEO
UEDA HIROTOSHI
HARA HIROYUKI
Applicant: NIPPON TELEGR & TELEPH CORP <NTT>
Application No.: 09-283584 [JP 97283584]
Filed: October 16, 1997 (19971016) ...
Published: **19990430**)

ABSTRACT

...a MAC terminal at a moving destination.

SOLUTION: At the time of receiving a sender **MAC address** and an old physical **network** address from a **transfer** table control section 1F, an address **learning** section 1G compares contents of the physical network address with the same value of a **MAC address** in **address** information (2F) sent just before to the transfer table control section 1F and when contents... Di01

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12/3,K/8 (Item 8 from file: 347)

DIALOG(R)File 347: JAPIO

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06180753 **Image available**

MAC BRIDGING SYSTEM

Pub. No.: 11-122303 [JP 11122303 A]
Published: April 30, 1999 (**19990430**)
Inventor: MURAYAMA JUNICHI
UEDA HIROTOSHI
KITATSUME HIDEO
HARA HIROYUKI
Applicant: NIPPON TELEGR & TELEPH CORP <NTT>
Application No.: 09-283594 [JP 97283594]

Filed: October 16, 1997 (19971016) ...

Published: 19990430)

ABSTRACT

...which a medium access control(MAC) broadcast frame is not received in duplicate to a **MAC** terminal in a **MAC** protocol **LAN**.

SOLUTION: In the case of receiving a **MAC** frame from a broad band **network** 1B, a sender **MAC address** extract section 1L extracts a **sender** address and it is fed to an address **learning** table control section 1J, a **transfer** table is retrieved by using the sender **MAC address** as a key and in this case, when the MAC frame is registered in other port than a port of the broad **network** 1B, the **MAC** frame is aborted by a MAC frame filtering section 1K.

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12/3,K/9 (Item 9 from file: 347)

DIALOG(R)File 347: JAPIO

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06180737 ** Image available* *

MAC BRIDGING DEVICE

Pub. No.: 11-122287 [JP 11122287 A]

Published: April 30, 1999 (19990430)

Inventor: UEDA HIROTOSHI

MURAYAMA JUNICHI

KITATSUME HIDEO

HARA HIROYUKI

Applicant: NIPPON TELEGR & TELEPH CORP <NTT>

Application No.: 09-283596 [JP 97283596]

Filed: October 16, 1997 (19971016) ...

Published: 19990430)

ABSTRACT

...the utilizing efficiency of a resource is improved.

SOLUTION: In the case that a sender **MAC** address of a MAC frame received from a MAC protocol **LAN** 1A is not registered, an address **learning** table control section 1J **learns** it, **sends** the received MAC frame to a broad band frame **transfer network** 1B independently of a destination **MAC address** to **learn MAC address** information in all **MAC** protocol **LANs** on the broad band frame transfer network 1B.

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12/3,K/10 (Item 10 from file: 347)

DIALOG(R)File 347: JAPIO

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06180736 ** Image available* *

MAC BRIDGING DEVICE

Pub. No.: 11-122286 [JP 11122286 A]

Published: April 30, 1999 (19990430)

Inventor: MURAYAMA JUNICHI

KITATSUME HIDEO

HARA HIROYUKI

TSUTSUMI SHUNSUKE

Applicant: NIPPON TELEGR & TELEPH CORP <NTT>

Application No.: 09-283589 [JP 97283589]

Filed: October 16, 1997 (19971016) ...

Published: 19990430)

ABSTRACT

...the utilizing efficiency of a resource is improved.

SOLUTION: In the case that a sender **MAC** address of a MAC frame received from a MAC protocol **LAN** 1A is not registered, an address learning table control section 1J learns it, a control MAC frame generating section 1K generates a control MAC frame in which the **learned** MAC address is described to the **sender** source MAC address and a predetermined specific MAC address is described to a destination **MAC** address and the **MAC** frame is **sent** to a broad band frame **transfer network** 1B to **learn** the **MAC address** information in all **MAC** protocol **LANs** in the broad band frame transfer network 1B.

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12/3,K/11 (Item 11 from file: 347)

DIALOG(R)File 347: JAPIO

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06039266 ** Image available**

COMMUNICATION EQUIPMENT AND RECORDING MEDIUM

Pub. No.: 10-322366 [JP 10322366 A]

Published: December 04, 1998 (19981204)

Inventor: AOYANAGI HIROOMI

Applicant: FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)

Application No.: 10-070880 [JP 9870880]

Filed: March 19, 1998 (19980319) ...

Published: 19981204)

ABSTRACT

...a prescribed time and with a learning means that restarts the timer 3 when the **MAC address** set on the reception of data is in matching with the **MAC address** registered in the **network** table 6 and **learns** quickly a change in the **MAC address** by **transmitting** an ARP inquiry faster than the timer 3 expires. Di01

Dialog eLink: [Order File History](#)

12/3,K/12 (Item 12 from file: 347)

DIALOG(R)File 347: JAPIO

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05749497 ** Image available**

INTER-LAN CONNECTION DEVICE

Pub. No.: 10-032597 [JP 10032597 A]

Published: February 03, 1998 (19980203)

Inventor: KINOSHITA HIROYUKI

Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)

Application No.: 08-187047 [JP 96187047]

Filed: July 17, 1996 (19960717) ...

Published: 19980203)

ABSTRACT

...**SOLUTION:** A bridge module 12 **learns** a **sender MAC address**, a sub net address of a **sender** source network layer, and a reception port and registers them to a bridge table 12b... the bridge module 12 references the bridge table 12b to conduct bridge to a destination **MAC address** and a destination **network** layer address. An address resolution protocol(ARP) module 13 sends an ARP request before each... Di01

Dialog eLink: [Order File History](#)

12/3,K/13 (Item 13 from file: 347)

DIALOG(R)File 347: JAPIO

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05590656 ** Image available**

INTER-LAN CONNECTOR

Pub. No.: 09-205456 [JP 9205456 A]

Published: August 05, 1997 (19970805)

Inventor: YAMASHITA KAZUHI SA

Applicant: SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation), JP (Japan)
Application No.: 08-013284 [JP 9613284]
Filed: January 29, 1996 (19960129) ...
Published: 19970805)

ABSTRACT

PROBLEM TO BE SOLVED: To prevent a **transmission** packet just after **learning** a data direct VCC from passing a **transmission** packet before the **learning** ahead by storing multiplexed information of plural **MAC addresses** and plural **LANs** to a queue of the inter-LAN connector... Di01

Dialog eLink: [Order File History](#)

12/3,K/14 (Item 14 from file: 347)

DIALOG(R) File 347: JAPIO

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05450100 **Image available**

SWITCHING HUB WITH ARP SUBSTITUTE REPLY FUNCTION

Pub. No.: 09-064900 [JP 9064900 A]

Published: March 07, 1997 (19970307)

Inventor: KIYO RI

Applicant: HITACHI CABLE LTD [000512] (A Japanese Company or Corporation), JP (Japan)

Application No.: 07-217178 [JP 95217178]

Filed: August 25, 1995 (19950825) ...

Published: 19970307)

ABSTRACT

...interface module 103 are given to the ARP server module 102. The ARP module 102 **learns** and registers a **transmission** source **MAC address** and a **transmission** source **network** address of the frame. Simultaneously, when an entry corresponding to the network address is in... Di01

Dialog eLink: [Order File History](#)

12/3,K/15 (Item 15 from file: 347)

DIALOG(R) File 347: JAPIO

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04910330 **Image available**

TABLE MANAGING METHOD FOR MAC BRIDGE

Pub. No.: 07-202930 [JP 7202930 A]

Published: August 04, 1995 (19950804)

Inventor: SAKAMOTO HIROMITSU

Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)

Application No.: 05-337933 [JP 9337933]

Filed: December 28, 1993 (19931228) ...

Published: 19950804)

ABSTRACT

...interfaces 103 provided with one CPU 102 for management and over one ports 104, each **network** interface individually manages local **MAC address** tables 106 and 107, and each of learning information is transmitted to a master **MAC address** table 105 provided at the CPU for management. Thus, the **MAC address** table information of the entire bridge can be unified, and each network interface registers the transmitting source **MAC address** of a received frame on the local **MAC address** table and registers the transmitting source **MAC address** of a frame transmitted from the other network interface as well. Di01

Dialog eLink: [Order File History](#)

12/3,K/16 (Item 16 from file: 347)

DIALOG(R) File 347: JAPIO

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04666983 **Image available**

DOUBLE ADDRESS CHECK METHOD FOR MAC BRIDGE DEVICE

Pub. No.: 06-338883 [JP 6338883 A]
Published: December 06, 1994 (**19941206**)
Inventor: GOHARA MASAO
Applicant: FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
Application No.: 05-127624 [JP 93127624]
Filed: May 31, 1993 (19930531) ...
Published: **19941206**

ABSTRACT

...CONSTITUTION: At the time of connecting plural **LAN** through an **MAC** bridge, a protocol **identifier** and a double address monitoring timer are provided in a **learning** table 2a. A **transmission** origin **MAC** address SA of a received frame 1 is already registered in the table 2a, and when... Di01

Dialog eLink: [Order File History](#)

12/3,K/17 (Item 17 from file: 347)
DIALOG(R)File 347: JAPIO
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04191855 **Image available**

PACKET TRANSMISSION RATE MEASUREMENT DEVICE

Pub. No.: 05-183555 [JP 5183555 A]
Published: July 23, 1993 (**19930723**)
Inventor: YOSHII TAKANOBU
Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
Application No.: 04-000711 [JP 92711]
Filed: January 07, 1992 (19920107)
Journal: Section: E, Section No. 1456, Vol. 17, No. 601, Pg. 33, November 04, 1993 (19931104) ...
Published: **19930723**

ABSTRACT

...of the measurement device 1 at a 2nd point receives a packet transferred through the **LAN** 2 and the **MAC** bridge having an **address** of its own station and counts number of packets received at a measurement interval designated by a measurement interval command signal from the timer section 5. A **transmission rate** calculation section 8 divides the count of the packets by a time interval of the... Di01

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12/3,K/18 (Item 18 from file: 347)
DIALOG(R)File 347: JAPIO
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04191854 **Image available**

PACKET TRANSMISSION RATE MEASUREMENT DEVICE

Pub. No.: 05-183554 [JP 5183554 A]
Published: July 23, 1993 (**19930723**)
Inventor: YOSHII TAKANOBU
Applicant: NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
Application No.: 04-000027 [JP 9227]
Filed: January 06, 1992 (19920106)
Journal: Section: E, Section No. 1456, Vol. 17, No. 601, Pg. 33, November 04, 1993 (19931104) ...
Published: **19930723**

ABSTRACT

...receives a packet with priority decided by the priority decision section 8 transferred through the **LAN** 2 and the **MAC** bridge having an **address** of its own station and counts number of packets received at a measurement interval designated by a measurement interval command signal from the timer section 5. A **transmission rate** calculation section 9 divides the count of the packets by a time interval of the... Di01

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12/3,K/19 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014716654 *Drawing available*WPI Acc no: 2005-064271/**200507**

Related WPI Acc No: 2008-B38767; 2008-D13475; 2008-G50653

XRPX Acc No: N2005-055710

Computer network traffic bridging method, involves transmitting network frame from isolated network to external network when adapter has same media access control address as that of source address of isolated network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: LARSON D A; LUCKE K A

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040255047	A1	20041216	US 2003459761	A	20030612	200507	B
US 7324512	B2	20080129	US 2003459761	A	20030612	200810	E

Priority Applications (no., kind, date): US 2003459761 A 20030612

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040255047	A1	EN	14	7	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**that the network frame communicated to the first virtual network is from the first virtual **network** adapter by detecting the first **MAC address** in the **network** frame, and in **response** thereto, **forwarding** the network frame to a third device driver for a third network adapter coupled to... .. driver, initiating transfer of the network frame over the inter-partition network using the third **network** adapter and using the first **MAC address** as the source **MAC address** for the network frame; in a fourth device driver for a fourth network adapter coupled... .. that the network frame communicated to the first virtual network is from the first virtual **network** adapter by detecting the first **MAC address** in the **network** frame, and in **response** thereto, **forwarding** the network frame to a third device driver for a third network adapter coupled to... .. driver, initiating transfer of the network frame over the inter-partition network using the third **network** adapter and using the first **MAC address** as the source **MAC address** for the network frame; in a fourth device driver for a fourth network adapter coupled... .. Basic Derwent Week: **200507**...

Dialog eLink: [Order File History](#)

12/3,K/20 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014689311 *Drawing available*WPI Acc no: 2005-036899/**200504**

XRPX Acc No: N2005-032264

Local media access control address learning method in local area network, involves determining location of target port from destination address, and learning source address locally to the port when data frame is received at the port

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BASS B M; DAVIS T L; GALLO A M; SIEGEL M S; VERPLANKEN F J; WOODLAND G I

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6829651	B1	20041207	US 2000547369	A	20000411	200504	B

Priority Applications (no., kind, date): US 2000547369 A 20000411

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6829651	B1	EN	17	9	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**port from a first device connected to a network, said data frame including a source **media** access control (MAC) address for said first device and a **destination MAC address** for a second device connected to said **network**; **determining** from said **address** the location of a target port corresponding to said second device; forwarding said data frame to a target port

corresponding to said second device; and learning said source **MAC address** locally to said target port when said data frame is received at said **target port**. ... Basic Derwent Week: **200504**...

Dialog eLink: [Order](#) [File History](#)

12/3,K/21 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014650023 *Drawing available*

WPI Acc no: 2004-832042/**200482**

XRPX Acc No: N2004-657441

Router configuring method for network computer, involves using media access control address of computer to receive data sent from router, in response to Internet service provider

Patent Assignee: NETGEAR INC (NETG-N)

Inventor: ELDRIDGE J W; FUDENBERG D M; SHAUGHNESSY T; SHIELDS M B

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040225737	A1	20041111	US 2003430733	A	20030505	200482	B

Priority Applications (no., kind, date): US 2003430733 A 20030505

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040225737	A1	EN	10	5	

Router configuring method for network computer, involves using media access control address of computer to receive data sent from router, in response to Internet service provider ... Basic Derwent Week: **200482**...

Dialog eLink: [Order](#) [File History](#)

12/3,K/22 (Item 4 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014638549 *Drawing available*

WPI Acc no: 2004-820548/**200481**

XRPX Acc No: N2004-647793

Media access control (MAC) frame managing method for involves storing maximum MAC service data unit size, and controlling MAC frame size by adjusting fragmentation threshold value based on transmitting/ receiving channel state

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: AHN C H; AN C; AN C H

Patent Family (7 patents, 37 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040218630	A1	20041104	US 2003490901	P	20030730	200481	B
			US 2004836404	A	20040503		
EP 1475928	A2	20041110	EP 2004101872	A	20040430	200481	E
JP 2004336748	A	20041125	JP 2004130035	A	20040426	200481	E
CN 1543159	A	20041103	CN 200410036847	A	20040421	200514	E
KR 2004094565	A	20041110	KR 200328427	A	20030503	200519	E
KR 562899	B1	20060321	KR 200328427	A	20030503	200724	E
EP 1475928	A3	20091230	EP 2004101872	A	20040430	201003	E

Priority Applications (no., kind, date): KR 200328427 A 20030503

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20040218630	A1	EN	11	7	Related to Provisional	US 2003490901
EP 1475928	A2	EN				
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR					
JP 2004336748	A	JA	10			
KR 562899	B1	KO			Previously issued patent	KR 2004094565
EP 1475928	A3	EN				
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR AL HR LT LV MK					

Alerting Abstract ...involves storing a maximum media access control (MAC) service data unit size and a destination **MAC address** of a **network node**. A failure **rate** of a **transmitted** frame is compared with signal strength of a management packet received by a physical layer... Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**managing method comprising: storing a maximum MAC Service Data Unit (MSDU) size and a destination **MAC address** of a **network node** obtained through a management packet; comparing a failure **rate** of a frame **transmitted** to the network node with a signal strength of a packet received by a physical... Basic Derwent Week: **200481**...

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12/3,K/23 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014637720 *Drawing available*

WPI Acc no: 2004-819719/**200481**

XRFX Acc No: N2004-646975

Ethernet to asynchronous transfer mode converter has pair of buffers for transmitting data frame from Ethernet interface to asynchronous transfer mode interface and vice versa

Patent Assignee: INTEL CORP (ITLC)

Inventor: TRAININ S B

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6813279	B1	20041102	US 1999474480	A	19991229	200481	B

Priority Applications (no., kind, date): US 1999474480 A 19991229

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6813279	B1	EN	10	6	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**input coupleable to a network interface of a first type operating at a first data **rate** and an **output** coupleable to a network interface of a second **type** operating at a second data **rate** faster than the first data rate, wherein a first frame received from the network interface of the first type does not include a **media access control (MAC)** address corresponding to the **network interface of the first type**;a separation unit **coupled** to the first buffer; and a second buffer having an output coupleable to the network... Basic Derwent Week: **200481**...

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12/3,K/24 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014586277 *Drawing available*

WPI Acc no: 2004-768240/**200476**

XRPX Acc No: N2004-606154

Shared broadcast domain determination method for network devices e.g. Ethernet switches, involves identifying ports or interfaces of network device, which have common broadcast domain, using corresponding features

Patent Assignee: MARCONI COMMUNICATIONS INC (MAON); MARCONI INTELLECTUAL PROPERTY RINGFENCE (MAON); ERICSSON AB (TELF)

Inventor: GREEN D J

Patent Family (4 patents, 35 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1471684	A2	20041027	EP 2004252304	A	20040420	200476	B
JP 2004328732	A	20041118	JP 2004123592	A	20040420	200476	E
US 20040213211	A1	20041028	US 2003422572	A	20030423	200476	E
US 7397811	B2	20080708	US 2003422572	A	20030423	200847	E

Priority Applications (no., kind, date): US 2003422572 A 20030423

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1471684	A2	EN	9	2	
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR				
JP 2004328732	A	JA	11		

Original Publication Data by AuthorityArgentina**Publication No. ... Claims:**of network devices and ports or interfaces comprising the steps of: learning features which include **MAC addresses** about physical ports or logical interfaces of devices of a network by a network management system; and identifying which ports or interfaces on each device are part of a common **broadcast domain** from the **learned MAC addresses** by determining which **MAC addresses** have a same unicast **MAC address** and thus have the common broadcast domain.... Basic Derwent Week: **200476**...

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12/3,K/25 (Item 7 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014539754 *Drawing available*WPI Acc no: 2004-721708/**200471**

XRPX Acc No: N2004-572275

Bridging apparatus for interconnecting LANs, transmits media access control frame to LAN interface unidirectionally or to logic circuits and LAN interface multidirectionally, based on determining whether frame is multicast frame

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: IGUCHI N; KUWABARA Y

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2004282375	A	20041007	JP 200370499	A	20030314	200471	B
JP 4140407	B2	20080827	JP 200370499	A	20030314	200858	E

Priority Applications (no., kind, date): JP 200370499 A 20030314

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2004282375	A	JA	11	6	
JP 4140407	B2	JA	12		Previously issued patent: JP 2004282375

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**carried out to the said core interface part, and the said LAN interface part,The **address** information of the **MAC** frame|frame from the said **LAN** interface part is learned,According to the **learned** said address information, the LAN switch which selectively **outputs** the said MAC frame|frame towards the said core interface part or the said LAN... Basic Derwent Week: **200471**...

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12/3,K/26 (Item 8 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014526987 *Drawing available*

WPI Acc no: 2004-708938/**200469**

XRPX Acc No: N2004-562173

System for allocation of information flow between personal computer and network storage device, implements address resolution protocol to connect specific client to server, on detection of server responsible for serving client

Patent Assignee: MCCONNELL D R (MCCO-I)

Inventor: MCCONNELL D R

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040193716	A1	20040930	US 2003404892	A	20030331	200469	B

Priority Applications (no., kind, date): US 2003404892 A 20030331

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040193716	A1	EN	11	4	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**the designated client is contained in a specific server's client service table, that server **responds** by **sending an ARP response with the server's MAC address back to the designated** client. The client is then "bound" to the desired server in the pool and its... Basic Derwent Week: **200469**...

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12/3,K/27 (Item 9 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014508909 *Drawing available*

WPI Acc no: 2004-690829/**200467**

Communication method in network, involves configuring gateways according to request from local area network host, determining gateway for service provision, and transmitting address of determined gateway to host

Patent Assignee: HUAWEI TECH CO LTD (HUAW); HUAWEI TECHNOLOGIES CO LTD (HUAW); HUAWEI TECHNOLOGY CO LTD (HUAW)

Inventor: LEI W; MA D; YAN C

Patent Family (3 patents, 106 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004082222	A1	20040923	WO 2004CN192	A	20040311	200467	B
CN 1531262	A	20040922	CN 2003119758	A	20030311	200503	E
CN 100407671	C	20080730	CN 2003119758	A	20030311	200878	E

Priority Applications (no., kind, date): CN 2003119758 A 20030311

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2004082222	A1	ZH	25	5	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**to the said ARP request using the virtual address of the gateway determined; after the **LAN** host obtained the **MAC address** of the gateway determined, Ethernet network packaging the **transmitted** message using the virtual **MAC address** in the **response**, and **transmitted** it to the gateway which was determined providing service so as to forward. Adopting the... .. Basic Derwent Week: **200467**...

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12/3,K/28 (Item 10 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014459492 *Drawing available*

WPI Acc no: 2004-650716/**200463**

XRPX Acc No: N2004-514695

Wireless LAN e.g. ad hoc network, packets transmitting method for wireless LAN system, involves processing packets to be transmitted to network bridge that responses acknowledged message to another bridge

Patent Assignee: HUANG C (HUAN-I)

Inventor: HUANG C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040165615	A1	20040826	US 2003373058	A	20030226	200463	B

Priority Applications (no., kind, date): US 2003373058 A 20030226

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040165615	A1	EN	7	3	

Original Publication Data by AuthorityArgentina**Publication No. Original Abstracts:** A **response** method for **transmitting the** packets in **wireless** network that can be used in wireless network when transmits packet, comprising the steps of... .. wireless network bridge to receive at least a packet from a cable LAN; the wireless **network bridge** set the **address of MAC** of the firmware **by** a program instruction; and process in transmitting the packet to a second wireless network bridge... **Claims:** What is claimed is: 1. A **response** method for **transmitting** the packets in wireless network, **comprising** the steps of: providing a first wireless network bridge to receive at least a packet from a cable LAN the wireless **network** bridge setting the **address of MAC** of the firmware by a program **instruction**; and processing in **transmitting the packet** to a second wireless **network** bridge, the second wireless network bridge is **to response** a acknowledged message to the first wireless network bridge, then the acknowledged message of the... .. Basic Derwent Week: **200463**...

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12/3,K/29 (Item 11 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014445751

WPI Acc no: 2004-636522/**200462**

Firewall link layer and internet protocol layer address binding method

Patent Assignee: LENOVO BEIJING CO LTD (LENV)

Inventor: GAOHONG; LIU C; SONG B

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 1509002	A	20040630	CN 2002155687	A	20021213	200462	B

Priority Applications (no., kind, date): CN 2002155687 A 20021213

Patent Details					
Patent Number	Kind	Lang	Pgs	Draw	Filing Notes
CN 1509002	A	ZH		0	

Alerting Abstract ...NOVELTY - Firewall checks IP packets passing through its link layer. Based on users selection, **learning** and binding address is carried out. Then, the packet is **transferred** downward or discarded. The firewall provides function for binding IP **address** with **MAC address** of the internal **network** card so as to build one to one corresponding relation between IP **address** and **MAC address** of the card inside firewall. Even IP address of the card is embezzled, the firewall... Basic Derwent Week: **200462**...

Dialog eLink: [Order File History](#)

12/3,K/30 (Item 12 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014444946 *Drawing available*WPI Acc no: 2004-635710/**200461**

XRPX Acc No: N2004-502433

Network system e.g. for virtual local area network, has nodes that transmits running frame through path that is mutually opposite to other path through which main signal frame is regularly transmitted

Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE)

Inventor: ENOMOTO N; HIDAKA Y; IWATA A; Umayabashi M; ATSUSHI I; MASAKI U; NOBUYUKI E; YOUICHI H

Patent Family (11 patents, 108 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004075482	A1	20040902	WO 2004JP124	A	20040109	200461	B
CA 2437669	A1	20040819	CA 2437669	A	20030819	200461	E
US 20040225725	A1	20041111	US 2003642481	A	20030818	200475	E
EP 1601137	A1	20051130	EP 2004701101	A	20040109	200578	E
			WO 2004JP124	A	20040109		
TW 200423609	A	20041101	TW 2004103720	A	20040217	200612	E
KR 2005101347	A	20051021	WO 2004JP124	A	20040109	200649	E
			KR 2005715444	A	20050819		
JP 2005502664	X	20060810	WO 2004JP124	A	20040109	200654	E
			JP 2005502664	A	20040109		
CN 1802818	A	20060712	CN 200480010503	A	20040109	200675	E
JP 4182977	B2	20081119	WO 2004JP124	A	20040109	200878	E
			JP 2005502664	A	20040109		
CN 101335705	A	20081231	CN 200810107952	A	20040109	200915	E
TW 302406	B1	20081021	TW 2004103720	A	20040217	200929	E

Priority Applications (no., kind, date): JP 200341727 A 20030219; WO 2004JP124 A 20040109

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2004075482	A1	JA	207	53	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
CA 2437669	A1	EN			
EP 1601137	A1	EN			PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
TW 200423609	A	ZH			
KR 2005101347	A	KO			PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
JP 2005502664	X	JA	115		PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
JP 4182977	B2	JA	95		PCT Application WO 2004JP124
					Based on OPI patent WO 2004075482
TW 302406	B1	ZH			

Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:The network system of the invention, in a network connected with multiple nodes, a node **sending learning** frame comprises a table cache memory for storing addresses of clients performing **sending** request of **learning** frame under the node, a **MAC forwarding** table memory for storing addressee label information corresponding to **addressee MAC address** or **addressee** port information corresponding to **addressee MAC address**, learning frame manager for confirming a frame needed by learning action referring to the table... ...**Claims**:node for sending learning frame comprises: a table cache memory for storing addresses of clients performing **sending** request of **learning** frame under the node, a **MAC forwarding** table memory for storing addressee label information corresponding to **addressee MAC address** or **addressee** port information corresponding to **addressee MAC address**, learning frame manager for confirming a frame needed by learning action referring to the table... ... CLAIM 2] A **learning** bridge node, in a node sending **learning** frame of network connected with multiple nodes, comprising: a table cache memory for storing addresses of clients performing **sending** request of **learning** frame under the node, a **MAC forwarding** table memory for storing addressee label information corresponding to **addressee MAC address** or **addressee** port information corresponding to **addressee MAC address**, learning frame manager for confirming a frame needed by learning action referring to the table... ... Basic Derwent Week: **200461**...

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12/3,K/31 (Item 13 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014423080 *Drawing available*

WPI Acc no: 2004-613226/**200459**

XRFX Acc No: N2004-484619

Address resolution protocol request processing method in internet, involves designating sending/ receiving communication adapter as backup adapter for other adapter, if internet protocol address of both the adapters are not same

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BRITTON E G; HAGGAR J D; MOORE T D; RICHTER A H; VASHAW B C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6775278	B1	20040810	US 2000549947	A	20000414	200459	B

Priority Applications (no., kind, date): US 2000549947 A 20000414

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6775278	B1	EN	17	14	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**discovering a backup adapter, comprising:in response to a receipt of an ARP advertisement message **by** a receiving communication adapter R from a **sending** communication adapter S, in which the advertisement message associates an IP **address** with a Media Access Control (MAC) **address**, dynamically **determining** if adapter **S is located on the** same physical **network** as adapter R,if adapter S and adapter R are on the same physical network... .. Basic Derwent Week: **200459**...

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12/3,K/32 (Item 14 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014318436 *Drawing available*

WPI Acc no: 2004-505841/**200448**

XRPX Acc No: N2004-399576

Wireless network communication method, involves obtaining Internet protocol address and media access control address of wireless network station, and proxying address resolution protocol that contains Internet protocol address

Patent Assignee: HUCKINS J L (HUCK-I); INTEL CORP (ITLC)

Inventor: HUCKINS J L

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040120279	A1	20040624	US 2002323111	A	20021218	200448	B
US 7289518	B2	20071030	US 2002323111	A	20021218	200772	E

Priority Applications (no., kind, date): US 2002323111 A 20021218

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040120279	A1	EN	9	3	

Alerting Abstract ...**NOVELTY** - The method involves obtaining an Internet protocol **address** and a **media access control (MAC) address** of a wireless **network** station and proxying an address resolution protocol that contains the Internet protocol address, by responding with the **MAC address**. A beacon frame having a target indication map is then **transmitted in response** to receiving the address resolution protocol request. Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**communications, comprising: storing, in an access point, an internet protocol (IP) address of a wireless **network** station and a **media access control (MAC) address** of the wireless **network** station; andproxying, by the access point, a received, broadcast address resolution protocol (ARP) request that contains said IP address as a target IP address, by **responding** to the ARP request with said **MAC address** without re-**broadcasting** the ARP request into a wireless network of the access point.... Basic Derwent Week: **200448**...

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12/3,K/33 (Item 15 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014281066 *Drawing available*

WPI Acc no: 2004-467582/**200444**

XRPX Acc No: N2004-369469

Ethernet-passive optical network communication apparatus, has passive optical network bridge sublayer creating and managing filtering address table based on logical link identification information extracted by emulation layer

Patent Assignee: KANG H Y (KANG-I); LEE H H (LEE-H); YOO T W (YOOT-I); ELECTRONICS&TELECOM RES INST (ETRI)

Inventor: KANG H Y; LEE H H; YOO T H; YOO T W

Patent Family (4 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040109450	A1	20040610	US 2003724554	A	20031125	200444	B
KR 2004047573	A	20040605	KR 200375638	A	20031028	200465	E
KR 601042	B1	20060714	KR 200375638	A	20031028	200728	E
US 7379676	B2	20080527	US 2003724554	A	20031125	200835	E

Priority Applications (no., kind, date): KR 200274354 A 20021127; KR 200375638 A 20031028; US 2003724554 A 20031125

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040109450	A1	EN	20	12	
KR 601042	B1	KO			Previously issued patent KR 2004047573

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**network (PON) bridge sublayer, which creates and manages a filtering address table for a destination **media access control (MAC) address** and a virtual **LAN (VLAN) ID in response** to the LLID information, determines whether to **forward** the frame to the upper layer of the PON bridge sublayer or to reflect the... network (PON) bridge sublayer, which creates and manages a filtering address table for a destination **media access control (MAC) address** and a virtual **LAN (VLAN) ID in response** to the LLID information, determines whether to **forward** the frame to the upper layer of the PON bridge sublayer or to reflect the... Basic Derwent Week: **200444**...

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12/3,K/34 (Item 16 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0014235633

WPI Acc no: 2004-421589/**200440**

XRPX Acc No: N2004-334352

Method and system for bearing PPP proxy server with Ethernet

Patent Assignee: BEIJING HARBOUR NETWORKS (BEIJ-N)

Inventor: HUANG S; LIU X; REN C

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 1486037	A	20040331	CN 2003156441	A	20030829	200440	B
CN 100362820	C	20080116				200833	E

Priority Applications (no., kind, date): CN 2003156441 A 20030829

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CN 1486037	A	ZH		0	

Alerting Abstract ...The Session ID of net side PPPoE Session substitutes the Session ID of messages, uses the **MAC address** of net side proxy server to **replace** the **MAC address** in messages, and **transmits** the messages to proxy server; inputs messages to net side PPPoE: uses the Session ID of user side PPPoE Session to replaces the Session ID of messages, uses the **MAC address** of user to **replace** target **MAC address** of messages and **transmits** the messages to user.... Basic Derwent Week: **200440**...

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12/3,K/35 (Item 17 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014084113 *Drawing available*WPI Acc no: 2004-267546/**200425****Connection status detecting system for local area network, has one node for node determining connection status in link layer according to destination address of reply frame**

Patent Assignee: REALTEK SEMICONDUCTOR CORP (REAT)

Inventor: CHEN J; LIU C

Patent Family (3 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040037308	A1	20040226	US 2003630789	A	20030731	200425	B
TW 245507	B1	20051211	TW 2002117615	A	20020806	200724	E
US 7626937	B2	20091201	US 2003630789	A	20030731	200980	E

Priority Applications (no., kind, date): TW 2002117615 A 20020806

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20040037308	A1	EN	9	4	
TW 245507	B1	ZH		4	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**node, the system comprising: a request frame, transmitted by the first node, including a source **address** comprising a **media access control (MAC) address** of the first **node**; and a **reply** frame, **transmitted** by the second node after receiving the request frame, including a destination **address** comprising the **MAC address** of the first **node**, wherein the first node determines the connection status in a link layer according to whether... .. address, wherein if the second node comprises a network interface card (NIC), the second node **transmits** the **reply** frame only when a destination address of the received request frame comprises a **MAC** address of the second **node**, wherein if the second node comprises a network switch, the second node **transmits** the **reply** frame when the destination address of the received request frame comprises a **MAC** broadcast **address**; if the second **node** comprises the network switch, the second node selectively **transmits** the **reply** frame when the destination address of the received request frame comprises the **MAC address** of the second **node**. ... Basic Derwent Week: **200425**...

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12/3,K/36 (Item 18 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014004069 *Drawing available*WPI Acc no: 2004-185435/**200418**

Related WPI Acc No: 2008-N13751

XRPX Acc No: N2004-147345

Data transmission controller in data communication system transmits packet addressed to mobile terminal, simultaneously in direction of current and next access points, based on entry of media access control learning table

Patent Assignee: SONY CORP (SONY)

Inventor: KURIHARA K; SHITAMA K

Patent Family (4 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2004048334	A	20040212	JP 2002202461	A	20020711	200418	B
US 20040064581	A1	20040401	US 2003612927	A	20030707	200425	E
US 20080212534	A1	20080904	US 2003612927	A	20030707	200859	E
			US 2008116779	A	20080507		
US 7480274	B2	20090120	US 2003612927	A	20030707	200914	E

Priority Applications (no., kind, date): JP 2002202461 A 20020711

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2004048334	A	JA	35	14	
US 20080212534	A1	EN			Continuation of application: US 2003612927

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**controller for performing data forwarding control via a network, comprising: a plurality of data input/output ports; means for storing a MAC **learning** table in which a MAC address of data for **forwarding** is associated with an **output** port; and a control section for updating said MAC **learning** table, wherein said control section is configured to set, for a mobile **node**, in said **MAC learning** table, a plurality of entries associating different **output** ports with a **MAC** address of said mobile **node**, and output data **addressed** to said **MAC address** of said mobile **node** received via said network, to said plurality of output ports in parallel, based on said... controller for performing data forwarding control via a network, comprising: a plurality of data input/output ports; means for storing a MAC **learning** table in which a MAC address of data for **forwarding** is associated with an **output** port; and a control section for updating said MAC **learning** table, wherein said control section is configured to set, for a mobile **node**, in said **MAC learning** table, a plurality of entries associating different **output** ports with a **MAC** address of said mobile **node**, and output data **addressed** to said **MAC address** of said mobile **node** received via said network, to said plurality of output ports in parallel, based on said... to which said next access point is connected, as an output port corresponding to said **MAC address** of said mobile node, and output said data **addressed** to said **MAC address** of said mobile **node** received via said network in parallel, to said output ports listed in said plurality of entries as to said **MAC address** of said mobile **node** set in said **MAC learning** table, wherein said **output** ports are a plurality of ports to which a current access point and said next... Basic Derwent Week: **200418**...

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12/3,K/37 (Item 19 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013973075 *Drawing available*WPI Acc no: 2004-153911/**200415**

XRPX Acc No: N2004-122949

Address resolution protocol request processing method in communication network, involves judging active state of off-load adapter based on which adapter for old and new networks, is allocated using packet reception time

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BRITTON E G; HAGGAR J D; ISREL M; VASHAW B C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6678725	B1	20040113	US 2000548976	A	20000414	200415	B

Priority Applications (no., kind, date): US 2000548976 A 20000414

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6678725	B1	EN	17	14	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**the offload adapter X a mapping of the IP address for adapter X with a **Media Access Control (MAC)** address of the adapter X, whereby in response to the **registration**, the offload adapter X broadcasts an ARP advertisement to all hosts in the same network as offload adapter X, the advertisement mapping the IP address of adapter X to the **Media Access Control (MAC)** address of adapter X, and determining what **physical network contains the offload** adapter X, in response to the inactivation of offload adapter X: determining if there is... Basic Derwent Week: **200415**...

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12/3,K/38 (Item 20 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013912048 *Drawing available*WPI Acc no: 2004-091631/**200409**

XRPX Acc No: N2004-073395

Traffic separation filter for open system interconnection, has two intercepting units for layer traffic and address resolution protocol broadcasting traffic, respectively

Patent Assignee: KORNER U (KORN-I); PACKETFRONT SWEDEN AB (PACK-N)

Inventor: GUNNARSSON A; KORNER U; LUNDSTROEM M; LUNDSTROM M; NYMAN F; OEMAN A; OMAN A ; ANDREAS O; ANTON G; FREDRIK N; MAGNUS L

Patent Family (18 patents, 104 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2004006513	A1	20040115	WO 2003SE1161	A	20030703	200409	B
SE 200202125	A	20040106	SE 20022125	A	20020705	200416	E
SE 523714	C2	20040511	SE 20022125	A	20020705	200432	E
AU 2003243116	A1	20040123	AU 2003243116	A	20030703	200459	E
NO 200500558	A	20050404	WO 2003SE1161	A	20030703	200534	E
			NO 2005558	A	20050201		
EP 1532773	A1	20050525	EP 2003762953	A	20030703	200535	E
			WO 2003SE1161	A	20030703		
US 20050232254	A1	20051020	WO 2003SE1161	A	20030703	200569	E
			US 2005520045	A	20050411		
JP 2005532730	W	20051027	WO 2003SE1161	A	20030703	200571	E
			JP 2004519463	A	20030703		
CN 1679280	A	20051005	CN 2003820629	A	20030703	200606	E
KR 2005051632	A	20050601	WO 2003SE1161	A	20030703	200642	E
			KR 2005700214	A	20050105		
EP 1532773	B1	20070905	EP 2003762953	A	20030703	200760	E
			WO 2003SE1161	A	20030703		
DE 60316158	E	20071018	DE 60316158	A	20030703	200770	E
			EP 2003762953	A	20030703		
			WO 2003SE1161	A	20030703		
RU 2310994	C2	20071120	WO 2003SE1161	A	20030703	200777	E
			RU 2005102830	A	20030703		
AU 2003243116	B2	20071115	AU 2003243116	A	20030703	200812	E
AU 2003243116	B8	20071220	AU 2003243116	A	20030703	200813	E
DE 60316158	T2	20080605	DE 60316158	A	20030703	200839	E
			EP 2003762953	A	20030703		
			WO 2003SE1161	A	20030703		
CN 100438477	C	20081126	CN 2003820629	A	20030703	200936	E
JP 4289562	B2	20090701	WO 2003SE1161	A	20030703	200943	E
			JP 2004519463	A	20030703		

Priority Applications (no., kind, date): SE 20022125 A 20020705

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2004006513	A1	EN	25	3	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
SE 200202125	A	SV			
SE 523714	C2	SV			
AU 2003243116	A1	EN			Based on OPI patent WO 2004006513
NO 200500558	A	NO			PCT Application WO 2003SE1161
EP 1532773	A1	EN			PCT Application WO 2003SE1161
					Based on OPI patent WO 2004006513
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
US 20050232254	A1	EN			PCT Application WO 2003SE1161
JP 2005532730	W	JA	21		PCT Application WO 2003SE1161
					Based on OPI patent WO 2004006513
KR 2005051632	A	KO			PCT Application WO 2003SE1161
					Based on OPI patent WO 2004006513
EP 1532773	B1	EN			PCT Application WO 2003SE1161
					Based on OPI patent WO 2004006513
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
DE 60316158	E	DE			Application EP 2003762953
					PCT Application WO 2003SE1161
					Based on OPI patent EP 1532773
					Based on OPI patent WO 2004006513
RU 2310994	C2	RU			PCT Application WO 2003SE1161
					Based on OPI patent WO 2004006513
AU 2003243116	B2	EN			Based on OPI patent WO 2004006513
AU 2003243116	B8	EN			Based on OPI patent WO 2004006513
DE 60316158	T2	DE			Application EP 2003762953
					PCT Application WO 2003SE1161
					Based on OPI patent EP 1532773
					Based on OPI patent WO 2004006513
JP 4289562	B2	JA	17		PCT Application WO 2003SE1161
					Previously issued patent JP 2005532730
					Based on OPI patent WO 2004006513

Original Publication Data by AuthorityArgentina**Publication No. ... Claims:**the data packet traffic to these ports,As the characteristic,In order to acquire the **MAC address** which belongs to the said virtual local area **network**, the traffic of the **layer 2** from the **network**-connected sender|originator apparatus (the host A, the host B) is received,The means which determines whether it permits that the traffic is transmitted to other ports,The ARP **broadcast** in such traffic is received,A means to **respond** to the said **broadcast** and to **transmit**

a **response** to the said **sender**/originator apparatus (the host A, the host B) regardless of whether destination apparatus layer 2... .. Basic Derwent Week: **200409**...

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12/3,K/39 (Item 21 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013864896 *Drawing available*

WPI Acc no: 2004-043476/**200404**

XRPX Acc No: N2004-035069

Routing information maintaining method for optical network, involves coupling communicatively servers and clients by network, and routing traffic within network in accordance with generated routing information

Patent Assignee: BUTLER D M (BUTL-I); JOHNSON M J (JOHN-I); KNIGHT S G (KNIG-I); KOCH C D (KOCH-I); OPTICAL SOLUTIONS INC (OPTI-N)

Inventor: BUTLER D M; JOHNSON M J; KNIGHT S G; KOCH C D

Patent Family (5 patents, 100 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003103210	A2	20031211	WO 2003US16952	A	20030530	200404	B
US 20040042446	A1	20040304	US 2002386129	P	20020531	200417	E
			US 2003449854	A	20030530		
AU 2003247437	A1	20031219	AU 2003247437	A	20030530	200449	E
EP 1510042	A2	20050302	EP 2003756262	A	20030530	200517	E
			WO 2003US16952	A	20030530		
AU 2003247437	A8	20051027	AU 2003247437	A	20030530	200624	E

Priority Applications (no., kind, date): US 2002386129 P 20020531; US 2003449854 A 20030530

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003103210	A2	EN	22	5		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR					
US 20040042446	A1	EN			Related to Provisional	US 2002386129
AU 2003247437	A1	EN			Based on OPI patent	WO 2003103210
EP 1510042	A2	EN			PCT Application	WO 2003US16952
					Based on OPI patent	WO 2003103210
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
AU 2003247437	A8	EN			Based on OPI patent	WO 2003103210

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**particular interface module on which the client resides to unique client information, e.g., a **media** access control (MAC) address or other identifier, included in the DHCP request. The **PON interface forwards the request** to a **DHCP server** that returns a DHCP **response** indicating an **administered** IP address and lease time for the requesting client. Upon **receipt** of the DHCP **response**, the PON interface updates the mapping to create **routing** information for **routing** packets to the administered addresses. For example, PON interface may **map** the administered IP address to the particular interface module on which the client resides... .. Basic Derwent Week: **200404**...

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12/3,K/40 (Item 22 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013811554 *Drawing available*WPI Acc no: 2003-313723/ **200330**

XRPX Acc No: N2003-249779

Supporting circuits or frame flows for establishment and management of circuits in Ethernet Network, has MAC hardware device where MAC sublayer generates interrupt when Ethernet frame of unknown address is received

Patent Assignee: GONDA R S (GOND-I)

Inventor: GONDA R S

Patent Family (11 patents, 99 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003027807	A2	20030403	WO 2002US30596	A	20020924	200330	B
US 20030067928	A1	20030410	US 2001324847	P	20010924	200340	E
			US 2002254963	A	20020924		
EP 1436922	A2	20040714	EP 2002778355	A	20020924	200446	E
			WO 2002US30596	A	20020924		
AU 2002340023	A1	20030407	AU 2002340023	A	20020924	200460	E
JP 2005505158	W	20050217	WO 2002US30596	A	20020924	200513	E
			JP 2003531286	A	20020924		
CN 1589543	A	20050302	CN 2002823015	A	20020924	200537	E
IN 200400835	P4	20060113	CN 2002803179	A	20020912	200615	E
			IN 2004CN835	A	20040421		
AU 2002340023	A8	20051020	AU 2002340023	A	20020924	200619	E
CA 2461584	C	20080115	CA 2461584	A	20020924	200807	E
			WO 2002US30596	A	20020924		
JP 4192094	B2	20081203	WO 2002US30596	A	20020924	200901	E
			JP 2003531286	A	20020924		
CN 100568787	C	20091209	CN 2002823015	A	20020924	201009	E

Priority Applications (no., kind, date): US 2001324847 P 20010924; US 2002254963 A 20020924

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003027807	A2	EN	50	7		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
US 20030067928	A1	EN			Related to Provisional	US 2001324847
EP 1436922	A2	EN			PCT Application	WO 2002US30596
					Based on OPI patent	WO 2003027807
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
AU 2002340023	A1	EN			Based on OPI patent	WO 2003027807
JP 2005505158	W	JA	84		PCT Application	WO 2002US30596
					Based on OPI patent	WO 2003027807
IN 200400835	P4	EN			PCT Application	CN 2002803179
AU 2002340023	A8	EN			Based on OPI patent	WO 2003027807
CA 2461584	C	EN			PCT Application	WO 2002US30596
					Based on OPI patent	WO 2003027807
JP 4192094	B2	JA	31		PCT Application	WO 2002US30596
					Previously issued patent	JP 2005505158
					Based on OPI patent	WO 2003027807

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**supporting the Ethernet (trademark) media access control (MAC) circuit|line function for an Ethernet (trademark) **network**,Comprising:It is the **MAC** bridge|bridging comprised so that **learning** based on the mapping to an approach port from a **sender**|originator **MAC address** might be supported,Comprising:MAC bridge|bridging by which this mapping is stored in a...
Basic Derwent Week: **200330...**

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12/3,K/41 (Item 23 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013800213 *Drawing available*

WPI Acc no: 2003-900306/**200382**

XRPX Acc No: N2003-718703

Security control/ attack detection method for wireless local area network used in hospital, involves accepting or denying service request from user based on verification of Internet protocol address of wireless station

Patent Assignee: WU C (WUCC-I)

Inventor: WU C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030200455	A1	20031023	US 2002126077	A	20020418	200382	B

Priority Applications (no., kind, date): US 2002126077 A 20020418

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030200455	A1	EN	9	4	

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**request from the NMC for a Reverse Address Resolution Protocol (RARP) Packet having a given **Media** Access Control address (MAC address), to which the wireless station would reply with its IP... ... B) Dispatching a broadcast packet from the NMC to the entire network requesting for IP **addresses**, to which All the wireless stations in the network would return with their IP addresses so that the NMC can analyze those address packets based on **the MAC addresses** to thereby find out the IP address of the specified wireless station, such that the NMC has the **MAC address and IP address** of the **new wireless** station;(g) Dispatching a request from the NMC for computer name so that the new... ... Basic Derwent Week: **200382**...

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12/3,K/42 (Item 24 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013714152 *Drawing available*

WPI Acc no: 2003-811640/**200376**

Related WPI Acc No: 2003-521433

XRPX Acc No: N2003-649838

Media access control address dissemination method in networked computing system, involves transmitting media access control address of new network device, received at particular network switch, to other switches, as packet

Patent Assignee: BARE B C (BARE-I); HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: BARE B C

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030179707	A1	20030925	US 1999228918	A	19990111	200376	B
			US 2003366042	A	20030212		
US 6947384	B2	20050920	US 2003366042	A	20030212	200562	E

Priority Applications (no., kind, date): US 1999228918 A 19990111; US 2003366042 A 20030212

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030179707	A1	EN	67	32	Continuation of application: US 1999228918
					Continuation of patent: US 6556541

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**plurality of network switches for disseminating MAC address information, said method comprising the steps of:**receiving** a message at a port of a switch of said plurality of network switches from a network device wherein said message includes a **MAC** address associated with **said network** device and wherein said switch **is** a member of a **set** of said plurality of networks switches which comprise a load balance **domain**;generating a **MAC address** information packet within said switch in **response** to receipt of said **message**; and**broadcasting** said MAC address information packet **to** at least one other port of said switch **associated** with **said** load balance **domain**.Basic Derwent Week: **200376**

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12/3,K/43 (Item 25 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013689516 *Drawing available*

WPI Acc no: 2003-786380/**200374**

Network traffic improvement method e.g. for LAN, involves bridging specific IP packet to target host, when IP packet having MAC address as target host address is received from source

Patent Assignee: CISCO TECHNOLOGY INC (CISC)
Inventor: LORRAIN J; THUBERT P

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6603769	B1	20030805	US 1999302339	A	19990429	200374	B

Priority Applications (no., kind, date): EP 1998480035 A 19980528

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6603769	B1	EN	17	7	

Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:LAN. Before sending next packet, the source host runs an ARP protocol over the first LAN. The router **answers** with **MAC address** for the target host. The source **sends** this second packet to IP address for the target host with **MAC address** for the target host over the first LAN, and the router bridges. ... Basic Derwent Week: **200374**...

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12/3,K/44 (Item 26 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013660952 *Drawing available*

WPI Acc no: 2003-757206/**200371**

XRPX Acc No: N2003-606795

Broadcast messages controlling method for peer-to-peer ad-hoc wireless networks, involves controlling node to intercept locally issued address resolution protocol request and dynamic host configuration protocol request

Patent Assignee: BAENEN C E (BAEN-I); HASTY W V (HAST-I); MESHNETWORKS INC (MESH-N); WELSH S P (WELS-I)

Inventor: BAENEN C; BAENEN C E; HASTY W V; WELSH S; WELSH S P

Patent Family (11 patents, 102 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003079709	A1	20030925	WO 2003US7492	A	20030313	200371	B
US 20030179750	A1	20030925	US 2002364021	P	20020315	200382	E
			US 2003386928	A	20030313		
US 6728232	B2	20040427	US 2002364021	P	20020315	200429	E
			US 2003386928	A	20030313		
AU 2003223263	A1	20030929	AU 2003223263	A	20030313	200432	E
EP 1486085	A1	20041215	EP 2003719377	A	20030313	200482	E
			WO 2003US7492	A	20030313		
KR 2004097176	A	20041117	KR 2004714547	A	20040915	200522	E
JP 2005521302	W	20050714	JP 2003577560	A	20030313	200547	E
			WO 2003US7492	A	20030313		
IN 200402035	P4	20060224	WO 2002JP2576	A	20020319	200619	E
			IN 2004CN2035	A	20040913		
EP 1486085	B1	20080702	EP 2003719377	A	20030313	200846	E
			WO 2003US7492	A	20030313		
DE 60321895	E	20080814	DE 60321895	A	20030313	200856	E
			EP 2003719377	A	20030313		
			WO 2003US7492	A	20030313		
JP 4199672	B2	20081217	JP 2003577560	A	20030313	200907	E
			WO 2003US7492	A	20030313		

Priority Applications (no., kind, date): US 2002364021 P 20020315; US 2002364021 P 20020315; US 2003386928 A 20030313

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003079709	A1	EN	29	7		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
US 20030179750	A1	EN			Related to Provisional	US 2002364021
US 6728232	B2	EN			Related to Provisional	US 2002364021
AU 2003223263	A1	EN			Based on OPI patent	WO 2003079709
EP 1486085	A1	EN			PCT Application	WO 2003US7492
					Based on OPI patent	WO 2003079709
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
JP 2005521302	W	JA	17		PCT Application	WO 2003US7492
					Based on OPI patent	WO 2003079709
IN 200402035	P4	EN			PCT Application	WO 2002JP2576
EP 1486085	B1	EN			PCT Application	WO 2003US7492
					Based on OPI patent	WO 2003079709
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
DE 60321895	E	DE			Application	EP 2003719377
					PCT Application	WO 2003US7492
					Based on OPI patent	EP 1486085
					Based on OPI patent	WO 2003079709
JP 4199672	B2	JA	16		PCT Application	WO 2003US7492
					Previously issued patent	JP 2005521302
					Based on OPI patent	WO 2003079709

Alerting Abstract ...NOVELTY - The method involves determining a **media access control address** for a **network node** (102) identified by a subnet Internet protocol (IP) address and applying a hashing function to... a locally issued address resolution protocol request and a dynamic host configuration protocol request and **answers** the request based on an ad-hoc **routing** table. ... Basic Derwent Week: **200371**...

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12/3,K/45 (Item 27 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013624305 *Drawing available*

WPI Acc no: 2003-719821/**200368**

XRPX Acc No: N2003-575384

Physical location determination method of computers in network, involves sending media access control address and physical location information of computer to inventory application, when command is provided from network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: CHESTON R W; CROMER D C; DESAI D M; LOCKER H J; WARD J P

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6601097	B1	20030729	US 2000480030	A	20000110	200368	B

Priority Applications (no., kind, date): US 2000480030 A 20000110

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6601097	B1	EN	6	3	

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**Ethernet wall plate associated with the computer on the network. The logic is designed to **respond** to a **broadcast signal** to a UDP (User Datagram Protocol) port. In so doing the physical location of the computer can be determined. In a preferred embodiment, a command is provided from the **network** that will cause the **MAC address** and the **physical address** of at least one of the plurality of computers to be provided to an inventory... .. Basic Derwent Week: **200368**...

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12/3,K/46 (Item 28 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013616622 *Drawing available*

WPI Acc no: 2003-711976/**200367**

Related WPI Acc No: 2003-532117; 2006-075511

XRPX Acc No: N2003-569519

Data routing method for ad-hoc network, involves controlling nodes to receive and identify address resolution protocol request and to route medium frames to current intelligent access point

Patent Assignee: BARKER C R (BARK-I); MESHNETWORKS INC (MESH-N)

Inventor: BARKER C R

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030174682	A1	20030918	US 2002364023	P	20020315	200367	B
			US 2002253646	A	20020925		
US 6771666	B2	20040803	US 2002253646	A	20020925	200451	E

Priority Applications (no., kind, date): US 2002364023 P 20020315; US 2002253646 A 20020925

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030174682	A1	EN	9	3	Related to Provisional:US 2002364023

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**node of said plurality to generate an address resolution protocol (ARP) request for a first **media** access control (MAC) address corresponding to an optimum intelligent access point (IAP) for sending a... .. a second node to receive and identify said request, and provide a second MAC address, **adapted** to instruct said first **node** that said requested first **MAC address** is a dynamic link address; and**controlling** said first **node** to **receive** said second **MAC** address and in **response**, **route** said medium frame to a current IAP.... Basic Derwent Week: **200367**...

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12/3,K/47 (Item 29 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013541812 *Drawing available*

WPI Acc no: 2003-635507/**200360**

XRPX Acc No: N2003-505470

Computer network management method for data center, involves forwarding data packets received at switching port, after determining authorization of media access control address associated with packet

Patent Assignee: SINGHAL S (SING-I); SYMONS J A (SYMO-I)

Inventor: SINGHAL S; SYMONS J A

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030105881	A1	20030605	US 20015066	A	20011203	200360	B

Priority Applications (no., kind, date): US 20015066 A 20011203

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030105881	A1	EN	16	6	

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**fabric. An embodiment provides for a method in which a switch is programmed with MAC **addresses** which are authorized for packets processed at each switch port, based on the device coupled... .. forwarded. If it is not, the packet is dropped. Furthermore, MAC addresses that are learned at a port connecting two switches in the fabric are compared to MAC **addresses** that are **expected at** that port, based on the physical topology of the network. If an unexpected MAC **address** is detected, **the topology** may be traced to locate the host port through which the packet with the unauthorized MAC **address** entered the **virtual network**. Additionally, the physical topology of the network may be periodically compared to the expected topology... .. Basic Derwent Week: **200360**...

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12/3,K/48 (Item 30 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013521221 *Drawing available*

WPI Acc no: 2003-614319/**200358**

Method for managing clients in dhcp server by oui

Patent Assignee: LG ELECTRONICS INC (GLDS)

Inventor: LEE S H; LEE S

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2003034561	A	20030509	KR 200166193	A	20011026	200358	B
KR 811354	B1	20080307	KR 200166193	A	20011026	200865	E

Priority Applications (no., kind, date): KR 200166193 A 20011026

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2003034561	A	KO	1	10	
KR 811354	B1	KO			Previously issued patent: KR 2003034561

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**stored in the client database; andusing OUI which is made of the fourth stage which **transmits** the polish which is mapped with the **response** packet to the clients of the discrete which **transmits** the request packet or the group with the corresponding **media access control address** the DHCP **server**. ... Basic Derwent Week: **200358**...

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12/3,K/49 (Item 31 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013503616 *Drawing available*

WPI Acc no: 2003-596165/**200356**

Incoming data packet load balancing method in client/ server system, involves transmitting data packets comprising media access control addresses and network addresses to server from respective client systems

Patent Assignee: 3COM CORP (TCOM)

Inventor: BAKER R G; MAUFER T A; NANDA S; VEPA R

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6560630	B1	20030506	US 1999272695	A	19990318	200356	B

Priority Applications (no., kind, date): US 1999272695 A 19990318

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6560630	B1	EN	25	11	

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**said broadcast data packet comprises an alias network address for said server computer system;in **response** to said **broadcast** data packet, receiving from said first client computer system a directed data packet comprising a **MAC address** and a **network** address for said first client computer system;storing said **MAC address** for said first client computer system in a memory cache of said server computer system.... Basic Derwent Week: **200356**...

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12/3,K/50 (Item 32 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013466156 *Drawing available*WPI Acc no: 2003-557711/**200352**

XRPX Acc No: N2003-443332

Network communicating method, involves sending response comprising hardware address of computer and network address of second node to first node to enable communication between them

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: AIKEN M A

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030088700	A1	20030508	US 20012910	A	20011102	200352	B
US 6895443	B2	20050517	US 20012910	A	20011102	200533	E

Priority Applications (no., kind, date): US 20012910 A 20011102

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030088700	A1	EN	15	5	

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**first computer;changing the value of the source MAC address in the ARP message from a MAC address of the first computer to a MAC address of the intermediate computer to... over the second network segment;receiving a response from a second computer on the second **network** segment, the **response** comprising a **MAC address** of the second computer and a second source IP address, the second source IP address having the value of an IP address of the second computer;changing the value of the MAC address of the response message from a MAC address of the second computer to a MAC address of the intermediate computer to create a modified **response** message; and**transmitting** the modified **response message** over the first **network** segment to the first computer to enable the first computer to communicate with the second computer as if the first and **second** computers are on the **same** network segment.... Basic Derwent Week: **200352**...

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12/3,K/51 (Item 33 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013442070 *Drawing available*WPI Acc no: 2003-533228/**200350**

XRPX Acc No: N2003-423004

Checking for duplicate hardware addresses assigned to Ethernet nodes by checking number of node responses to message containing MAC address

Patent Assignee: MARCONI COMMUNICATIONS LTD (MAON)

Inventor: ASPREY M J; GRAY L S; HUNNEYBALL T J

Patent Family (2 patents, 99 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003055180	A1	20030703	WO 2002GB5201	A	20021118	200350	B
AU 2002366818	A1	20030709	AU 2002366818	A	20021118	200428	E

Priority Applications (no., kind, date): GB 200130531 A 20011220

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003055180	A1	EN	18	6		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
AU 2002366818	A1	EN			Based on OPI patent	WO 2003055180

Original Publication Data by Authority Argentina **Publication No. Original Abstracts:** In order to identify duplicate **MAC addresses** in a **network**, a protocol is **used** which sends a packet from a source node to all other nodes on the network... .. address that is suspected of being duplicate. A receiving node, which has that hardware address **responds** by **sending a response to the source node**. The **response**, if received within a time window, increments a counter. At the end of the window, if the counter value... .. Basic Derwent Week: **200350**...

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12/3,K/52 (Item 34 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013430602 *Drawing available*WPI Acc no: 2003-521433/**200349**

Related WPI Acc No: 2003-811640

XRPX Acc No: N2003-413677

Media access address information dissemination method in data processing network, involves generating and broadcasting media access address packet to network switches associated with load balance domain

Patent Assignee: HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: BARE B C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6556541	B1	20030429	US 1999228918	A	19990111	200349	B

Priority Applications (no., kind, date): US 1999228918 A 19990111

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6556541	B1	EN	61	32	

Original Publication Data by AuthorityArgentina**Publication No. ... Claims:**A method operable within at least one of a plurality of network switches for disseminating **MAC** address information, said method comprising the steps of:receiving a message at a port of... of said plurality of network switches from a network device wherein said message includes a **MAC** address **associated** with said **network** device and wherein **said** switch is a member of a set of said plurality of networks switches which comprise a load balance **domain**;generating a **MAC** address information packet within said **switch** in **response** to receipt of said message; and**broadcasting** said **MAC** address **information** packet to at least one other port of **said** switch **associated** with said load balance **domain**.> ... **Basic Derwent Week: 200349...**

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12/3,K/53 (Item 35 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013256202 *Drawing available*

WPI Acc no: 2003-341690/**200332**

XRPX Acc No: N2003-273339

Wireless LAN terminal transmits allocation request signal containing terminal's address to base station, when network addresses in synchronization confirmation signal and storage unit, coincide

Patent Assignee: NEC CORP (NIDE)

Inventor: FUKUDA Y

Patent Family (4 patents, 3 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030021254	A1	20030130	US 2002197600	A	20020718	200332	B
JP 2003037860	A	20030207	JP 2001224270	A	20010725	200332	E
JP 3707403	B2	20051019	JP 2001224270	A	20010725	200569	E
TW 234406	B1	20050611	TW 2002115792	A	20020716	200652	E

Priority Applications (no., kind, date): JP 2001224270 A 20010725

Patent Details						
Patent Number	Kind	Lang	Pgs	Draw	Filing Notes	
US 20030021254	A1	EN	11	4		
JP 2003037860	A	JA	10			
JP 3707403	B2	JA	14		Previously issued patent	JP 2003037860
TW 234406	B1	ZH				

Original Publication Data by AuthorityArgentina**Publication No. ... Claims:**station;means that receives a synchronization confirmation signal containing therein a network address, which is **sent** on from the new wireless base station in response to the synchronization request signal;means... signal coincides with the network address stored in the storage means, transmits an allocation request **signal** containing therein a **media access control address** of the wireless **LAN** terminal to the new wireless LAN base station, and, when the network **address contained in the synchronization** confirmation signal does not coincide with the network address stored in the storage means, does... **Basic Derwent Week: 200332...**

Dialog eLink: [Order File History](#)

12/3,K/54 (Item 36 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013251268 *Drawing available*

WPI Acc no: 2003-336714/**200332**

XRPX Acc No: N2003-269707

Server application multiplexing communication system connects server selected from server/ IP address table based on transmission-destination IP address and port number in connection requirement packet, with client terminal

Patent Assignee: NEC CORP (NIDE)

Inventor: AKIYAMA T

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2003032256	A	20030131	JP 2001215448	A	20010716	200332	B
JP 3487430	B2	20040119	JP 2001215448	A	20010716	200410	E

Priority Applications (no., kind, date): JP 2001215448 A 20010716

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2003032256	A	JA	12	14	
JP 3487430	B2	JA	12		Previously issued patent JP 2003032256

Alerting Abstract ...NOVELTY - A controller (33) acquires **MAC address** (32) from IP/ **MAC address** table (36) based on transmission-destination IP address in ARP request packet from client terminal (50) for **transmitting response** packet with **MAC address**. A connector (34) connects **server** (10,20) selected from server/IP address table (35) based on transmission-destination IP address... Basic Derwent Week: **200332**...

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12/3,K/55 (Item 37 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013164750 *Drawing available*WPI Acc no: 2003-247666/ **200324**

XRPX Acc No: N2003-196874

Routing node for delivering SMS messages, has converter which simulates SMS center to forward message, after converting mobile-terminated SMS message of one protocol to mobile-originated SMS message of other protocol

Patent Assignee: ALLISON R L (ALLI-I); MCCANN T M (MCCA-I); TEKELEC (TEKE-N)

Inventor: ALLISON R L; MCCANN T M

Patent Family (5 patents, 99 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030003930	A1	20030102	US 2001301601	P	20010627	200324	B
			US 2001909099	A	20010719		
WO 2003003763	A1	20030109	WO 2002US20437	A	20020627	200324	E
EP 1413152	A1	20040428	EP 2002737597	A	20020627	200429	E
			WO 2002US20437	A	20020627		
US 6745041	B2	20040601	US 2001909099	A	20010719	200436	E
AU 2002310517	A1	20030303	AU 2002310517	A	20020627	200452	E

Priority Applications (no., kind, date): US 2001301601 P 20010627; US 2001909099 A 20010719

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20030003930	A1	EN	12	4	Related to Provisional	US 2001301601
WO 2003003763	A1	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
EP 1413152	A1	EN			PCT Application	WO 2002US20437
					Based on OPI patent	WO 2003003763
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
AU 2002310517	A1	EN			Based on OPI patent	WO 2003003763

Original Publication Data by AuthorityArgentina**Publication No. ... Claims:**layer mobile communications protocol, a message requesting location information of a mobile subscriber of a **second** application-layer mobile communications protocol and for formulating a response to the **message** including an **address** of a **node** other than a mobile switching center, the address being stored in a destination ID field of the **response** message; and(b) a converter operatively associated with the **routing element** for receiving, from the SMSC of the first application-layer mobile communications protocol, a mobile... .. Basic Derwent Week: **200324**...

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12/3,K/56 (Item 38 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013163496 *Drawing available*

WPI Acc no: 2003-246382/**200324**

Communication method between terminals under wireless LAN environment

Patent Assignee: PARK J (PARK-I); PARK J H (PARK-I)

Inventor: PARK J; PARK J H

Patent Family (4 patents, 104 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002087905	A	20021123	KR 200259690	A	20021001	200324	B
WO 2004032379	A2	20040415	WO 2003KR2002	A	20030930	200426	E
AU 2003264995	A1	20040423	AU 2003264995	A	20030930	200465	E
KR 536109	B	20051214	KR 200259690	A	20021001	200680	E

Priority Applications (no., kind, date): KR 200259690 A 20021001

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
KR 2002087905	A	KO	1	10		
WO 2004032379	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
AU 2003264995	A1	EN			Based on OPI patent	WO 2004032379
KR 536109	B	KO			Previously issued patent	KR 2002087905

Alerting Abstract ...a broadcasting to search a terminal communicating with the self terminal(S410). The searched terminal **responds** to the **broadcasting** terminal, and the **broadcasting** terminal receives **replies** from other communicable terminals(S420). The terminal decides whether the responding terminals exist(S430). If so, the terminal requests terminal information such as an IP **address** of an **MAC address** and **network** coordinates information of each terminal, and receives the requested information(S440). The terminal determines self ... Basic Derwent Week: **200324**...

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12/3,K/57 (Item 39 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013123191 *Drawing available*

WPI Acc no: 2003-205164/**200320**

XRPX Acc No: N2003-163614

Installation place identification method for local area network terminal, involves storing extension information specifying MAC address of terminal, based on which MAC address learning list table is searched

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: FURUCHI S; KATAOKA Y; KURISUYA H

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2003032257	A	20030131	JP 2001218086	A	20010718	200320	B
JP 4221919	B2	20090212	JP 2001218086	A	20010718	200912	E

Priority Applications (no., kind, date): JP 2001218086 A 20010718

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2003032257	A	JA	22	14		
JP 4221919	B2	JA	19		Previously issued patent:	JP 2003032257

Alerting Abstract ...a IP address list table. Instruction for storing extension information in the extension MIBMAC address **learning** table (T12), is **transmitted** in **response**, by the **LAN** terminal. **MAC address learning** list table (T22) is searched, based on the **MAC address** specified in the extended information and the respective port number. The installation space is identified... Basic Derwent Week: **200320**...

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12/3,K/58 (Item 40 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013117406 *Drawing available*WPI Acc no: 2003-199099/**200319**

XRPX Acc No: N2003-158317

Single system image provision method in cluster-based network-attached file server system, involves inserting cluster media access control address to response of client request

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); LENOVO SINGAPORE PTE LTD (LENV)

Inventor: CHEN Y; REED B C

Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020165964	A1	20021107	US 2001839794	A	20010419	200319	B
US 7051115	B2	20060523	US 2001839794	A	20010419	200635	E

Priority Applications (no., kind, date): US 2001839794 A 20010419; US 2001839794 A 20010419

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020165964	A1	EN	10	2	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**a single node in the cluster obtaining a response to the request; (g) the single **node** inserting a cluster **media access control (MAC) address** into the **response**; and (h) **sending the response** from the single node to the client. ... Basic Derwent Week: **200319**...

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12/3,K/59 (Item 41 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013016982 *Drawing available*WPI Acc no: 2003-095548/**200309**

XRPX Acc No: N2003-075742

External public/ private network/ user digital word exchange management having low level logic layer structure with elementary modules processing flux stream and control unit interfacing/ modules configured/ layer associated.

Patent Assignee: SAVOIRWEB (SAVO-N); SAVOIRWEB SARL (SAVO-N)

Inventor: ISSENMANN G; SERVAL T

Patent Family (3 patents, 98 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2824214	A1	20021031	FR 20015649	A	20010426	200309	B
WO 2002089446	A2	20021107	WO 2002FR1443	A	20020425	200309	E
AU 2002302698	A1	20021111	AU 2002302698	A	20020425	200433	E

Priority Applications (no., kind, date): FR 20015649 A 20010426

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
FR 2824214	A1	FR	34	5	
WO 2002089446	A2	FR			
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW				
AU 2002302698	A1	EN			Based on OPI patent WO 2002089446

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**and including at least a first layer (I) for initiating user requests addressed to the **network**, a **second layer (G)** for **extracting dataflows transmitted by the network in response** to a request initiated by the first layer (I), a third layer (T) for transforming the extracted dataflows and... Basic Derwent Week: **200309...**

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12/3,K/60 (Item 42 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0013011013 *Drawing available*

WPI Acc no: 2003-089282/**200308**

Related WPI Acc No: 2003-196867; 2003-340414; 2003-362204; 2003-677738; 2003-744834; 2005-250608

XRPX Acc No: N2003-070330

Device path detecting method in network switch, involves updating addressing tables based on reply message providing address information regarding unknown destination media access address

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: BARE B C

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6456597	B1	20020924	US 199884278	P	19980504	200308	B
			US 1999228169	A	19990111		

Priority Applications (no., kind, date): US 199884278 P 19980504; US 1999228169 A 19990111

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 6456597	B1	EN	64	32	Related to Provisional	US 199884278

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**within said load balancing domain;receiving a reply message on a port of said network **switch in response to sending** of said query message wherein **said reply message** provides addressing information regarding said unknown **destination MAC** address;updating **addressing** tables in said **network switch in response** to receipt of said reply message to indicate said **path** provided by said addressing **information**; and**forwarding** said packet to said device via said path.... Basic Derwent Week: **200308...**

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12/3,K/61 (Item 43 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0012864308 *Drawing available*

WPI Acc no: 2002-723215/**200278**

XRPX Acc No: N2002-570276

A method of providing fast data transfer for a general packet radio service cellular network includes replacing a tunneling protocol with a mobile internet protocol, by encapsulating a binding update message into a routing prefix

Patent Assignee: NOKIA INC (OYNO)

Inventor: AFIFI H; FLINCK H; PERKINS C E

Patent Family (4 patents, 98 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002069519	A1	20020906	WO 2002US5931	A	20020225	200278	B
US 20020150085	A1	20021017	US 2001271190	P	20010223	200278	E
			US 200284003	A	20020225		
AU 2002238137	A1	20020912	AU 2002238137	A	20020225	200433	E
US 7099326	B2	20060829	US 2001271190	P	20010223	200657	E
			US 200284003	A	20020225		

Priority Applications (no., kind, date): US 2001271190 P 20010223; US 200284003 A 20020225

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2002069519	A1	EN	24	8		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
US 20020150085	A1	EN			Related to Provisional	US 2001271190
AU 2002238137	A1	EN			Based on OPI patent	WO 2002069519
US 7099326	B2	EN			Related to Provisional	US 2001271190

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**a GPRS network that includes an IPv6 layer and a MAC layer, comprising: (a) in **response** to receiving a GPRS **routing** area update message at a mobile **node**, **employing** an adapter at a **MAC** layer of the mobile **node** to generate a router **advertisement** message, wherein the router **advertisement** message is communicated to an IPv6 **layer** on the mobile **node**;(b) **generating** a care of **address** at the IPv6 layer on the mobile node based on a router advertisement message; and(c)... Basic Derwent Week: **200278**...

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12/3,K/62 (Item 44 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012855060 *Drawing available*

WPI Acc no: 2002-713791/**200277**

XPX Acc No: N2002-563107

Computer network connector for use in determining location of network device e.g. PC, has network interface which transmits network interface identifier to network device in response to queries from network device

Patent Assignee: OTTO E S (OTTO-I)

Inventor: OTTO E S

Patent Family (2 patents, 98 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002080311	A1	20021010	WO 2002US10192	A	20020329	200277	B
AU 2002307043	A1	20021015	AU 2002307043	A	20020329	200432	E

Priority Applications (no., kind, date): US 2001280172 P 20010330

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2002080311	A1	EN	16	2	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW				
AU 2002307043	A1	EN			Based on OPI patent WO 2002080311

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**may query the network interface and ask for the network interface identifier. The network interface **responds** with the identifier. **The** network device can then **forward** the device's **MAC address**, along with **the network interface identifier**, to **inform** the central server that that particular network device is logged into the network at the... ..

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12/3,K/63 (Item 45 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012745970 *Drawing available*

WPI Acc no: 2002-598833/**200264**

Related WPI Acc No: 2002-598661; 2002-598667; 2002-598837

XRPX Acc No: N2002-474965

Network message delivering method involves identifying hosts with different network prefixes to enable communication between hosts, when specific host is unable to communicate with router

Patent Assignee: GESLER G J (GESL-I); TROXEL G D (TROX-I); BBNT SOLUTIONS LLC (BBNT-N)

Inventor: GESLER G J; TROXEL G D

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020078127	A1	20020620	US 2000232524	P	20000914	200264	B
			US 2000736827	A	20001214		
US 7028099	B2	20060411	US 2000736827	A	20001214	200626	E

Priority Applications (no., kind, date): US 2000232524 P 20000914; US 2000736827 A 20001214

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020078127	A1	EN	33	25	Related to Provisional US 2000232524

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**requesting a network layer address of another mobile host with which the first mobile host **can** communicate; andreceiving, by the first **mobile** host, a **response** message to the second service solicitation, the response message including a network layer address of... .. host with which the first mobile host can communicate, the second mobile host having a **network layer address** prefix different from the first network layer address prefix.... Basic Derwent Week: **200264**...

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12/3,K/64 (Item 46 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012745807 *Drawing available*

WPI Acc no: 2002-598667/**200264**

Related WPI Acc No: 2002-598661; 2002-598833; 2002-598837

XRPX Acc No: N2002-474821

Network message delivery method for mobile nodes, involves establishing local binding and remote binding with foreign agent and home agent respectively by mobile node

Patent Assignee: GESLER G J (GESL-I); TROXEL G D (TROX-I)

Inventor: GESLER G J; TROXEL G D

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020075866	A1	20020620	US 2000232524	P	20000914	200264	B
			US 2000736807	A	20001214		

Priority Applications (no., kind, date): US 2000232524 P 20000914; US 2000736807 A 20001214

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
US 20020075866	A1	EN	34	25	Related to Provisional: US 2000232524		

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**the network layer address of the first router toward a first remote node at a **second sub-network**, the second sub-network being topologically foreign with respect to **the network layer address of the first node**; (c) receiving at the first router a message tunneled by the first remote node using... sent network layer address of the first router, the message tunneled by the first remote **node in response** to a message at the first remote node addressed to the first node; (d) de... Basic Derwent Week: **200264**

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12/3,K/65 (Item 47 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012745801 *Drawing available*WPI Acc no: 2002-598661/**200264**

Related WPI Acc No: 2002-598667; 2002-598833; 2002-598837

XRPX Acc No: N2002-474815

Network message delivering method involves sending network layer addresses of mobile node and foreign agent to corresponding node for tunneling message having destination address of mobile node

Patent Assignee: BBNT SOLUTIONS LLC (BBNT-N); GESLER G J (GESL-I); TROXEL G D (TROX-I)

Inventor: GESLER G J; TROXEL G D

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020075807	A1	20020620	US 2000232524	P	20000914	200264	B
			US 2000737108	A	20001214		
US 6996084	B2	20060207	US 2000737108	A	20001214	200611	E

Priority Applications (no., kind, date): US 2000232524 P 20000914; US 2000737108 A 20001214

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
US 20020075807	A1	EN	34	25	Related to Provisional: US 2000232524		

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**the first router the received network layer address of the node and a network layer **address** of the first router toward a **second router**, the **second router being on** a sub-network that is topologically foreign with respect to **the network layer address of the node**; (c) receiving at the first router a message tunneled toward the first router by the... response to receiving a message at the second router having a destination address of the **node**; (d) de-tunneling the tunneled message; and (e) **sending** the de-tunneled message toward the node; whereby (a)-(e) proceed without requiring communication with... Basic Derwent Week: **200264**...

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12/3,K/67 (Item 49 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012400835 *Drawing available*WPI Acc no: 2002-344840/ **200238**

XRPX Acc No: N2002-271459

Local area network communication channel control system switches port to normal LAN controller after detecting channel abnormality and writes MAC address of normal controller corresponding to IP address of auto-devices

Patent Assignee: NEC CORP (NIDE); NIPPON ELECTRIC CO (NIDE); OKADA M (OKAD-I)

Inventor: OKADA M; OKADA S

Patent Family (9 patents, 5 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002009806	A	20020111	JP 2000184339	A	20000620	200238	B
KR 2001114159	A	20011229	KR 200134891	A	20010620	200240	E
BR 200103625	A	20020319	BR 20013625	A	20010619	200243	E
CN 1329422	A	20020102	CN 2001118836	A	20010620	200243	E
US 20020018442	A1	20020214	US 2001883228	A	20010619	200319	E
JP 3407717	B2	20030519	JP 2000184339	A	20000620	200334	E
KR 425560	B	20040403	KR 200134891	A	20010620	200451	E
US 6891840	B2	20050510	US 2001883228	A	20010619	200532	E
CN 1188988	C	20050209	CN 2001118836	A	20010620	200622	E

Priority Applications (no., kind, date): JP 2000184339 A 20000620

Patent Details					
Patent Number	Kind	Lang	Pgs	Draw	Filing Notes
JP 2002009806	A	JA	8	5	
BR 200103625	A	PT			
JP 3407717	B2	JA	9		Previously issued patent: JP 2002009806
KR 425560	B	KO			Previously issued patent: KR 2001114159

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**out, said address notification including said specific internet protocol address as a source internet protocol **address**, and said active media access control address as a source media access control address,a... .. address included in each of the other address notification and another reply transmitted through said **simplex** basic **local** area network,a registering portion for abstracting said source internet protocol **address** and said source **media access control address** from each of the other address notification and the other reply to register them into **said second table**,a first failure detecting portion for detecting link failure between said active controller and the one... .. active controller, said changing notification including said specific internet protocol address as said source internet **address** and said active media access control address, and a rewriting portion for rewriting said second table about only said source **media access control address** in response to another **changing notification transmitted through** said simplex basic local area network.... .. out, said address notification including said specific internet protocol address as a source internet protocol **address**, and said active media access control address as a source media access control address,a... .. replying portion transmitting a reply including said specific internet protocol address as said source internet **protocol address** and said active **media access control addresses** as said source **media access control address** to a source terminal of the other address notification through ... changes said active controller, said changing notification including said specific internet protocol address as said **source** internet address and said active **media access control address**, and a rewriting portion for rewriting said second table about only said source **media access control address** in response to another changing notification transmitted through said simplex basic local area network.... Basic Derwent Week: **200238**...

Dialog eLink: [Order File History](#)

12/3,K/68 (Item 50 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012398368 *Drawing available*WPI Acc no: 2002-342130/ **200238**

XRPX Acc No: N2002-269018

Packet delivery method in general packet radio service (GPRS) network, involves informing care-of-address and media access control address of mobile node to set proxy address resolution protocol entity

Patent Assignee: CHEN X X (CHEN-I); LUCENT TECHNOLOGIES INC (LUCE); PAPARELLA A (PAPA-I)

Inventor: CHEN X X; PAPARELLA A

Patent Family (6 patents, 29 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1182846	A2	20020227	EP 2001304278	A	20010514	200238	B
CA 2350357	A1	20020221	CA 2350357	A	20010613	200238	E
GB 2366483	A	20020306	GB 200020585	A	20000821	200238	E
JP 2002111740	A	20020412	JP 2001250222	A	20010821	200241	E
US 20020122412	A1	20020905	US 2001919023	A	20010731	200302	E
US 6987743	B2	20060117	US 2001919023	A	20010731	200606	E

Priority Applications (no., kind, date): GB 200020585 A 20000821

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1182846	A2	EN	6	1	
Regional Designated States, Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				
CA 2350357	A1	EN			
JP 2002111740	A	JA	5		
US 20020122412	A1	EN	5		

Original Publication Data by AuthorityArgentina**Publication No. ... Claims:**Protocol (DHCP);setting up a proxy ARP entity;informing the proxy ARP entity of the **Care** of Address and the Media Access Control address of the mobile node,in which packets... ... Address and the MAC address of the mobile node; andthe last routing switch delivering the packet to said **MAC address.**>... **Basic Derwent Week: 200238...**

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12/3,K/69 (Item 51 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0011155604 *Drawing available*WPI Acc no: 2002-092976/ **200213**

Related WPI Acc No: 2006-589569

XRPX Acc No: N2002-068579

Internet protocol address setting device for printer, transmits setting packet containing Internet protocol and media access control addresses of node, to predetermined multi-cast address

Patent Assignee: BROTHER KOGYO KK (BRER); FUKAZAWA K (FUKA-I); FURUKAWA A (FURU-I); HIBINO M (HIBI-I); NOGAWA H (NOGA-I); OHARA K (OHAR-I)

Inventor: FUKAZAWA K; FUKAZAWA Y; FURUKAWA A; HIBINO M; NOGAWA H; OHARA K

Patent Family (4 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2001285305	A	20011012	JP 200095108	A	20000330	200213	B
US 20010039590	A1	20011108	US 2001820761	A	20010330	200213	E
JP 3799948	B2	20060719	JP 200095108	A	20000330	200648	E
US 7406513	B2	20080729	US 2001820761	A	20010330	200852	E

Priority Applications (no., kind, date): JP 200095108 A 20000330

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2001285305	A	JA	11	5		
JP 3799948	B2	JA	12		Previously issued patent:	JP 2001285305

Original Publication Data by AuthorityArgentinaPublication No. ...**Original Abstracts:**An IP address setting device includes a request packet **transmitting** unit, a **response** reception unit, an address information designation unit, and a setting packet transmission unit. The request... a request packet to a particular multicast address. The request packet requests transmission of an **MAC address** from each **node** of the network. The response reception unit receives **responses** from the nodes to the request packet **transmitted** by the request packet **transmitting** unit. Each **response** includes the **MAC address** of the corresponding **node**. Based on the responses received from the nodes by the response reception unit the address... An IP address setting device includes a request packet **transmitting** unit, a **response** reception unit, an address information designation unit, and a setting packet transmission unit. The request... a request packet to a particular multicast address. The request packet requests transmission of an **MAC address** from each **node** of the network. The response reception unit receives responses from the nodes to the request packet. Each response includes the **MAC address** of a corresponding node. Based on the responses received, the address information designation unit designates...**Claims:**a request packet to a particular multicast address, the request packet requesting transmission of an **MAC address** from each **node** of the network; a response reception unit that receives **responses** from the nodes to the request packet **transmitted** by the request packet **transmitting** unit, each **response** including the **MAC address** of the corresponding **node**; an address information designation unit that, based on the responses received from the nodes by... address prestored in the storing unit of each node, the request packet requesting transmission of **MAC addresses** from the **nodes** of the network, wherein the each node has a **response transmitting** unit that **transmits**, in **response** to the request packet, a **response** to a multicast address, to which the IP address setting device has joined, each response including the **MAC address** of the each **node**; and wherein the IP address setting device further comprises: a response reception unit that receives **responses** from the nodes to the request packet **transmitted** by the request packet transmitting unit; an address information designation unit (1) that, based on... Basic Derwent Week: **200213**...

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12/3,K/70 (Item 52 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0011065108 *Drawing available*WPI Acc no: 2002-000051/**200201**

XRPX Acc No: N2002-000059

Internet protocol based computer network system for traveling people, has communication computer programmed to response messages forwarded from portable computer, using specific domain identifier

Patent Assignee: KOMUS M J (KOMU-I); KRUGER G (KRUG-I); ORTHODOXOU M (ORTH-I); PARYZEK A G (PARY-I); RUEDA J A (RUED-I); SMITH P J (SMIT-I); TELECOM RES LAB (TELE-N)

Inventor: KOMUS J M; KOMUS M J; KRUGER G; ORTHODOXOU M; PARYZEK A G; RUEDA J A; SMITH P J

Patent Family (2 patents, 2 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2333495	A1	20010731	CA 2333495	A	20010131	200201	B
US 20020112076	A1	20020815	US 2000179144	P	20000131	200256	E
			US 2001774007	A	20010131		

Priority Applications (no., kind, date): US 2000179144 P 20000131; US 2001774007 A 20010131

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
CA 2333495	A1	EN	131	31		
US 20020112076	A1	EN			Related to Provisional:	US 2000179144

Alerting Abstract DESCRIPTION - The communication computer in **response** to the received messages,

transmits data to the portable computer at remote site using an IP address designated to it. The request message, requests for **identification of MAC-address** of the LAN. Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**site and to transmit the response data to the portable computer;the communication computer being **further** programmed to be responsive to an ARP request message using a domain identifier different from... domain identifier from a portable computer alien to the LAN, which ARP request message requests **identification of the MAC-address** of a component of the LAN, to respond providing the **MAC-address** of the communication computer.... Basic Derwent Week: **200201**...

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12/3,K/71 (Item 53 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010854411 *Drawing available*

WPI Acc no: 2001-473210/**200151**

Method for time stamping service to set up system time of subscriber terminal

Patent Assignee: KANG K H (KANG-I); KOREA TELECOM (KOTE-N); LEE S J (LEES-I); LIM Y S (LIMY-I)

Inventor: KANG G H; KANG K H; LEE S J; LIM Y S

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2001008268	A	20010205	KR 200068897	A	20001120	200151	B
US 20020062443	A1	20020523	US 2001774285	A	20010130	200239	E
US 6915423	B2	20050705	US 2001774285	A	20010130	200544	E

Priority Applications (no., kind, date): KR 200068897 A 20001120

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2001008268	A	KO	1	10	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**of the response message by comparing the message authentication code (MAC) with another message authentication **code (MAC)** additionally included in the response message;d) downloading a certificate revocation list from a directory server by said requester, extracting the current time (**genTime**) **information from the response** message **transmitted from** the time stamp authority **server (TSA)**, and verifying the validity of the certificate revocation list (CRL) by comparing the current time (**genTime**) information with time information set in the **certificate** revocation **list (CRL)**; ande) downloading a certificate for an electronic signature of said time stamp authority... Basic Derwent Week: **200151**...

Dialog eLink: [Order File History](#)

12/3,K/72 (Item 54 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010743752 *Drawing available*

WPI Acc no: 2001-356651/**200138**

XRPX Acc No: N2003-132840

Datagram routing method in wireless network, involves broadcasting hand-off request frame in initial LAN, when MAC address is not found in association table

Patent Assignee: INFORMATION IND FACILITATION SOC (INFO-N); INST INFORMATION IND (INFO-N)

Inventor: CHIOU J; LEU Y; LU Y; QIU J; YOU M

Patent Family (3 patents, 2 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 1282167	A	20010131	CN 1999111026	A	19990727	200138	B
US 6473413	B1	20021029	US 1999338291	A	19990622	200317	ETAB
CN 1112014	C	20030618				200545	E

Priority Applications (no., kind, date): CN 1999111026 A 19990727

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CN 1282167	A	ZH		5	
US 6473413	B1	EN	12	5	

Alerting Abstract ...IP address of previous foreign agent. The hand-off request frame is broadcast in initial LAN, when MAC address of a mobile station is not found in association table. A record of mobile station is deleted from the table of the home access point and a unicast hand-off **response** frame is sent to access point through home and foreign agents. ... Basic Derwent Week: **200138**...

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12/3,K/73 (Item 55 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010585833 *Drawing available*

WPI Acc no: 2001-190788/**200119**

XRPX Acc No: N2001-135564

Source routed asynchronous transfer mode network route switching method involves issuing route resolution request by route resolution protocol client of service station

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: ALEXANDER C A; GORTI B; SQUIRE M B

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6178171	B1	20010123	US 1997977459	A	19971124	200119	B

Priority Applications (no., kind, date): US 1997977459 A 19971124

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6178171	B1	EN	15	7	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**when said current router does not connect to said second layer-3 subnetwork;obtaining a **Media** Access Control (MAC) address, ATM address and a Route Information Field (RIF) segment associated with... .. protocol server, said egress route resolution protocol server being a route resolution protocol server of a router attached to **said second ISO layer-3** subnetwork, said last-mentioned router attached to said second ISO layer-3 subnetwork being... .. protocol client by said egress route resolution protocol server, said route resolution reply including said **MAC address**, said ATM address and a RIF segment associated with said destination host, and forwarding said route resolution reply... .. said route resolution client. such forwarding comprising the steps of:determining if a current router of **said one** or **more** routers, connects to said first layer-3 subnetwork; andsending said route resolution reply to... .. address; andsending to said destination host one or more data packets which include said **MAC address** by **establishing** a Virtual Channel Connection (VCC) by a LAN Switch coupled to a first ELAN to a device attached to a second ELAN wherein said second ELAN is in said **second ISO layer-3** subnetwork, the step of establishing a VCC comprising the steps of:issuing an Emulated **LAN Address Resolution** Protocol request (LE... .. Basic Derwent Week: **200119**...

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12/3,K/74 (Item 56 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010298208 *Drawing available*

WPI Acc no: 2000-611837/**200058**

XRPX Acc No: N2000-453075

Mobile terminal decode failure implementation in wireless LAN, by resending wakeup announcement in control frames, until retransmission reaches threshold, or mobile terminal successfully decodes one announcement

Patent Assignee: TELEFONAKTIEBOLAGET ERICSSON L M (TELF)
 Inventor: ALMEHAG L; LINDSKOG J; MALMGREN G; RYDNELL G

Patent Family (7 patents, 91 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000060810	A1	20001012	WO 2000SE534	A	20000317	200058	B
AU 200039924	A	20001023	AU 200039924	A	20000317	200107	E
EP 1166500	A1	20020102	EP 2000919216	A	20000317	200209	E
			WO 2000SE534	A	20000317		
US 6363267	B1	20020326	US 1999287112	A	19990407	200226	E
CN 1347609	A	20020501	CN 2000805870	A	20000317	200252	E
JP 2002541730	W	20021203	JP 2000610182	A	20000317	200309	E
			WO 2000SE534	A	20000317		
CN 1188987	C	20050209	CN 2000805870	A	20000317	200622	E

Priority Applications (no., kind, date): US 1999287112 A 19990407

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2000060810	A1	EN	25	8		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 200039924	A	EN			Based on OPI patent	WO 2000060810
EP 1166500	A1	EN			PCT Application	WO 2000SE534
					Based on OPI patent	WO 2000060810
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
JP 2002541730	W	JA	26		PCT Application	WO 2000SE534
					Based on OPI patent	WO 2000060810

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**announcement in a Medium Access Control (MAC) frame sent by an access point in the **network**; **determining** in the mobile terminal, whether the mobile terminal has failed to properly decode a wakeup announcement in a Medium Access Control (MAC) frame sent by the access point in the **network**; and in the mobile **terminal**, in **response** to a determined decode **failure**, remaining awake to monitor subsequent **MAC** frames until either a predetermined **number** of **MAC** frames transpire, or a wakeup announcement intended to awaken the mobile **terminal** is **properly** decoded, whichever occurs first.... Basic Derwent Week: **200058**...

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12/3,K/75 (Item 57 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0010282504 *Drawing available*

WPI Acc no: 2000-595725/**200057**

XRPX Acc No: N2000-441272

Method for providing multiple address resolution protocol (MARP) functionality for IP data transmission system has host with IP layer and network layer to several workstations by intermediary of IP network

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: LAMBERTON M; LEVY A E; LEVY-ABEGNOLI E; LEY-ABEGNOLI E; SECONDO P; THUBERT P

Patent Family (4 patents, 28 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1041776	A1	20001004	EP 1999480017	A	19990330	200057	B
JP 2000295291	A	20001020	JP 200070741	A	20000314	200059	E
KR 2000076845	A	20001226	KR 200012711	A	20000314	200134	E
US 7003581	B1	20060221	US 2000523056	A	20000310	200615	E

Priority Applications (no., kind, date): EP 1999480017 A 19990330

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1041776	A1	EN	10	3	
Regional Designated States, Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 2000295291	A	JA	8		
KR 2000076845	A	KO		4	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**network, said layer 2 network interfacing said IP network with a set of routers; and a Multiple Address Resolution Protocol (MARP) **layer**, said **MARP layer between** said IP layer and said network layer, said MARP layer operable for selecting one router of said set of routers in **response** to a **next hop** IP address **provided** by said IP layer to said MARP layer when a packet of data is to **be transmitted** from said IP host over said IP network; wherein said IP host is provided with... any IP address into a network address of a router to be used in said **layer 2 network** by mapping said IP address, in an ARP table into a network address of an... Basic Derwent Week: **200057**...

Dialog eLink: [Order File History](#)

12/3,K/76 (Item 58 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0010281013 *Drawing available*

WPI Acc no: 2000-594125/**200056**

XRPX Acc No: N2000-440051

Adaptive signaling and mobility for wireless telephony has active packets instantiating an agent to negotiate setup call between mobile terminal and destination devices

Patent Assignee: TELCORDIA TECHNOLOGIES INC (TELC-N)

Inventor: AGRAWAL P; CHEN J; CHEN J C

Patent Family (4 patents, 21 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000051369	A1	20000831	WO 2000US4629	A	20000224	200056	B
US 6628943	B1	20030930	US 1999121552	P	19990225	200367	E
			US 2000512645	A	20000224		
US 6775253	B1	20040810	US 1999121552	P	19990225	200453	E
			US 2000512644	A	20000224		
US 6788660	B1	20040907	US 1999121552	P	19990225	200459	E
			US 2000512646	A	20000224		

Priority Applications (no., kind, date): US 1999121552 P 19990225; US 2000512644 A 20000224; US 2000512645 A 20000224; US 2000512646 A 20000224

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2000051369	A1	EN	10	10	
National Designated States,Original	CA JP				
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
US 6628943	B1	EN			Related to Provisional US 1999121552
US 6775253	B1	EN			Related to Provisional US 1999121552
US 6788660	B1	EN			Related to Provisional US 1999121552

Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**subnet in response to the active packet, the step of executing including the steps of**configuring** the second base station with a **forwarding** table for storing a mobile terminal **network-layer address entry**, a corresponding link-layer address entry, and a corresponding time stamp entry,comparing the time... .. Basic Derwent Week: **200056...**

Dialog eLink: [Order File History](#)

12/3,K/77 (Item 59 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010065498 *Drawing available*

WPI Acc no: 2000-371466/**200032**

XRPX Acc No: N2000-278491

Network connection controller for connecting printer in computer network e.g. LAN, has network setting unit which sets network with chosen network device from displayed list of network devices

Patent Assignee: CANON KK (CANO)

Inventor: MIZUNO A

Patent Family (2 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2000122944	A	20000428	JP 1998293836	A	19981015	200032	B
JP 3658206	B2	20050608	JP 1998293836	A	19981015	200538	E

Priority Applications (no., kind, date): JP 1998293836 A 19981015

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2000122944	A	JA	12	10	
JP 3658206	B2	JA	17		Previously issued patent JP 2000122944

Alerting Abstract ...604) outputs a search packet for searching network device e.g. printer. The network device **sends response** packet containing **transmitting** origin **MAC address** to **network** control unit. A list display unit displays the list of network devices based on the... .. Basic Derwent Week: **200032...**

Dialog eLink: [Order File History](#)

12/3,K/78 (Item 60 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0009824317 *Drawing available*

WPI Acc no: 2000-115345/**200010**

XRPX Acc No: N2000-087230

Communication link establishing apparatus for computer system using multi-path channel communication protocol connected in internet

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: RATCLIFF B H; VALLEY S R

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6003080	A	19991214	US 1997921434	A	19970829	200010	B

Priority Applications (no., kind, date): US 1997921434 A 19970829

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6003080	A	EN	19	7	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**number as well as a maximum transmission unit size provided by said initiating host for **transmission** to said receiving host; a **responding** component for **providing** to said initiating host a local area network **type** and maximum **transmission** unit size from said **port-sharing** table so as to establish a successful communication; and **means** for providing **MAC addresses** if needed to establish a successful communication between said initiating host and said receiving host through said at least one **local area network**; wherein said at least one local area network comprises a plurality of local area networks.... Basic Derwent Week: **200010**...

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12/3,K/79 (Item 61 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0009410276 *Drawing available*

WPI Acc no: 1999-347089/**199929**

XRPX Acc No: N1999-259538

Intersubnet shortcut virtual channel connection establishing method in asynchronous transfer mode communication network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: ALEXANDER C A; ROVNER E J; ROVNER S K

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5909441	A	19990601	US 1997840313	A	19970411	199929	B

Priority Applications (no., kind, date): US 1997840313 A 19970411

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5909441	A	EN	9	4	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**from a first station to a second station, with the second station having a **MAC address** associated with a shortcut VCC, a second data frame is created. The second data frame has as a source address the **MAC address**. **The second frame is sent** to devices associated with the first station so that the devices may learn the... reduction in an ATM communications network is accomplished by registering an association between a **MAC address** of a **router associated** with a **MAC/ATM address pair, and a shortcut VCC**. After the association is registered, a data frame being sent from a first station... Basic Derwent Week: **199929**...

Dialog eLink: [Order](#) [File History](#)

12/3,K/80 (Item 62 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0009027119 *Drawing available*

WPI Acc no: 1998-584066/**199849**

XRPX Acc No: N1998-455021

Mobile communication physical channels de-allocating - using medium access control message for identifying carrier on which mobile station may transmit to base station new packet channel request

Patent Assignee: NOKIA CORP (OYNO); NOKIA MOBILE PHONES LTD (OYNO)
 Inventor: HAEMAELEINEN J; HAMALAINEN J; LEPPISAARI A; HEIMALAYNIN J

Patent Family (13 patents, 79 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998048581	A1	19981029	WO 1998FI214	A	19980311	199849	B
FI 199701697	A	19981022	FI 19971697	A	19970421	199904	E
AU 199864018	A	19981113	AU 199864018	A	19980311	199913	E
EP 978204	A1	20000209	EP 1998909513	A	19980311	200012	E
			WO 1998FI214	A	19980311		
FI 105136	B1	20000615	FI 19971697	A	19970421	200035	E
CN 1252919	A	20000510	CN 1998804343	A	19980311	200036	E
AU 730415	B	20010308	AU 199864018	A	19980311	200119	E
JP 2001521698	W	20011106	JP 1998545065	A	19980311	200203	E
			WO 1998FI214	A	19980311		
US 6532227	B1	20030311	US 199863167	A	19980420	200321	E
EP 978204	B1	20030514	EP 1998909513	A	19980311	200333	E
			WO 1998FI214	A	19980311		
DE 69814617	E	20030618	DE 69814617	A	19980311	200348	E
			EP 1998909513	A	19980311		
			WO 1998FI214	A	19980311		
RU 2212109	C2	20030910	WO 1998FI214	A	19980311	200371	E
			RU 1999124596	A	19980311		
CN 1251530	C	20060412	CN 1998804343	A	19980311	200661	E

Priority Applications (no., kind, date): FI 19971697 A 19970421

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1998048581	A1	EN	17	2		
National Designated States,Original	AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW					
AU 199864018	A	EN			Based on OPI patent	WO 1998048581
EP 978204	A1	EN			PCT Application	WO 1998FI214
					Based on OPI patent	WO 1998048581
Regional Designated States,Original	AT DE FR GB IT NL SE					
FI 105136	B1	FI			Previously issued patent	FI 9701697
AU 730415	B	EN			Previously issued patent	AU 9864018
					Based on OPI patent	WO 1998048581
JP 2001521698	W	JA	32		PCT Application	WO 1998FI214
					Based on OPI patent	WO 1998048581
EP 978204	B1	EN			PCT Application	WO 1998FI214
					Based on OPI patent	WO 1998048581
Regional Designated States,Original	AT DE FR GB IT NL SE					
DE 69814617	E	DE			Application	EP 1998909513
					PCT Application	WO 1998FI214
					Based on OPI patent	EP 978204
					Based on OPI patent	WO 1998048581
RU 2212109	C2	RU			PCT Application	WO 1998FI214
					Based on OPI patent	WO 1998048581

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**channels (PDCH) assigned to packet switched calls in a GPRS supporting GSM digital cellular telephone **network**. An PDCH de-**allocation** RLC/**MAC** control message is **broadcast** to listening mobile stations from a base station subsystem (BSS) and contains a temporary flow identity (TFI) which is recognised by the listening mobile stations (MS). The mobile stations **respond** by terminating packet **switched** data **transmissions** on the identified **PDCHs**. The RLC/MAC message also identifies **the number** of PDCH time slots which can be used before de-allocation must occur... channels (PDCH) assigned to packet switched calls in a GPRS supporting GSM digital cellular telephone **network**. An PDCH de-allocation RLC/**MAC** control message is broadcast to listening mobile stations **from** a base station subsystem (BSS) and contains a temporary flow identity (TFI) which is recognised by the listening mobile stations (MS). The mobile stations **respond** by terminating packet switched data **transmissions** on the **identified** PDCHs. The RLC/MAC message **also** identifies the **number** of PDCH time **slots** which can be used before de-allocation must occur... Basic Derwent Week: **199849**...

Dialog eLink: [Order File History](#)

12/3,K/81 (Item 63 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0008693306 *Drawing available*

WPI Acc no: 1998-232953/**199821**

XRPX Acc No: N1998-184588

Pseudo network adaptor e.g. for capturing, encapsulating and encrypting messages or frames -

provides interface for capturing packets from local communications protocol stack for transmission on virtual private network and includes Dynamic Host Configuration Protocol server emulator and Address Resolution Protocol

Patent Assignee: DIGITAL EQUIP CORP (DIGI)

Inventor: ALDEN K F; LICHTENBERG M P; WOBBER E P

Patent Family (4 patents, 25 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 838930	A2	19980429	EP 1997118556	A	19971024	199821	B
JP 10178450	A	19980630	JP 1997290739	A	19971023	199836	E
US 6101543	A	20000808	US 1996738155	A	19961025	200040	E
JP 3343064	B2	20021111	JP 1997290739	A	19971023	200280	E

Priority Applications (no., kind, date): US 1996738155 A 19961025

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
EP 838930	A2	EN	34	23	Regional Designated States,Original		
JP 10178450	A	JA	29				
JP 3343064	B2	JA	29		Previously issued patent		JP 10178450

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**packet responsive to a first request packet captured by said interface for capturing packets from **said** local communications protocol stack for **transmission** on said virtual private network, said first request packet requesting a network layer address for **said** pseudo network adapter, said first **reply** indicating a network layer address for said pseudo network adapter; and a second **server** emulator, providing a **second reply packet** responsive to an second **request** packet captured by said interface for capturing packets from said local **communications** protocol stack for **transmission** on said virtual private network, said second request packet requesting a physical address corresponding to... of a second pseudo network adapter, said second pseudo network adapter located on a remote **server node**, said **second** reply indicating a **predetermined**, reserved physical address.... Basic Derwent Week: 199821...

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12/3,K/82 (Item 64 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0008641517 *Drawing available*

WPI Acc no: 1998-178853/199816

XRPX Acc No: N1998-141558

Multi-layer neural network - uses output class component values with weighting values to generate value representing likelihood input vector is properly classified to output layer outcome class

Patent Assignee: STREIT R L (STRE-I)

Inventor: STREIT R L

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5724487	A	19980303	US 1995499336	A	19950707	199816	B

Priority Applications (no., kind, date): US 1995499336 A 19950707

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5724487	A	EN	12	1		

Original Publication Data by AuthorityArgentina**Publication No.** ... **Claims:**of dimensions corresponding to the number of components of an input vector, and (ii) a **second** hidden layer including a plurality of **second layer nodes** each for generating an outcome class component value, each second layer **node** being connected to

predetermined **ones of the first layer nodes** and generating in **response** to the **first layer output** values an outcome class component value representing a function related to the exponential of the negative square of the sum of first layer **output** values from the first layer nodes connected thereto; and an output layer comprising a plurality... .. Basic Derwent Week: **199816**...

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12/3,K/83 (Item 65 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0008585321 *Drawing available*

WPI Acc no: 1998-120228/**199811**

XRPX Acc No: N1998-095681

Neural network for non-gaussian components of mixture density function - includes output layer whose nodes receives output class component and uses them to generate value which represents likelihood that input vector is properly classified to output layer node's outcome class

Patent Assignee: STREIT R L (STRE-I)

Inventor: STREIT R L

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5712959	A	19980127	US 1995499243	A	19950707	199811	B

Priority Applications (no., kind, date): US 1995499243 A 19950707

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5712959	A	EN	8	1	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**a number of dimensions corresponding to the number of components of an input vector; a **second** hidden layer including a plurality of second layer nodes each for generating an outcome class component value, each second layer node being connected to predetermined **ones of the first layer nodes** and generating in response to the first **layer output values** an outcome class component value representing a function related to the exponential of the negative square of the sum of first layer **output** values, the sum being raised to a selected second layer power corresponding to a second layer power value divided by the first layer power; and an output **layer comprising** a plurality of output **nodes each associated** with an outcome class, each output node receiving a plurality of outcome class component values... .. Basic Derwent Week: **199811**...

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12/3,K/84 (Item 66 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0008127082 *Drawing available*

WPI Acc no: 1997-226504/**199720**

XRPX Acc No: N1997-187343

Network security device for client to network connection - has security device inserted between client network interface and network itself and locks IP and MAC addresses of client and host

Patent Assignee: DIGITAL SECURED NETWORKS TECHNOLOGY INC (DIGI-N); FORTRESS TECHNOLOGIES INC (FORT-N)

Inventor: FRIEDMAN A; LEVY B; LEVY B Z

Patent Family (11 patents, 66 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997013340	A1	19970410	WO 1996US14285	A	19960906	199720	B
AU 199671548	A	19970428	AU 199671548	A	19960906	199733	E
US 5757924	A	19980526	US 1995529497	A	19950918	199828	E
EP 872074	A1	19981021	EP 1996932962	A	19960906	199846	E
			WO 1996US14285	A	19960906		
AU 725712	B	20001019	AU 199671548	A	19960906	200057	E
US 6151679	A	20001121	US 1995529497	A	19950918	200101	E
			US 199810102	A	19980121		
IL 121416	A	20010913	IL 121416	A	19970728	200158	E
CN 1173256	A	19980211	CN 1996191481	A	19960906	200169	E
SG 92687	A1	20021119	SG 20001506	A	19960906	200303	E
SG 96185	A1	20030523	SG 20001507	A	19960906	200347	E
CA 2211301	C	20060124	CA 2211301	A	19960906	200612	E
			WO 1996US14285	A	19960906		

Priority Applications (no., kind, date): US 1995529497 A 19950918; US 199810102 A 19980121

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997013340	A1	EN	32	9		
National Designated States,Original	AL AM AU BB BG BR CA CN CU CZ EE FI GE HU IL IS JP KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN					
Regional Designated States,Original	AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 199671548	A	EN			Based on OPI patent	WO 1997013340
EP 872074	A1	EN			PCT Application	WO 1996US14285
					Based on OPI patent	WO 1997013340
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
AU 725712	B	EN			Previously issued patent	AU 9671548
					Based on OPI patent	WO 1997013340
US 6151679	A	EN			Division of application	US 1995529497
					Division of patent	US 5757924
IL 121416	A	EN				
SG 92687	A1	EN				
SG 96185	A1	EN				
CA 2211301	C	EN			PCT Application	WO 1996US14285
					Based on OPI patent	WO 1997013340

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**containing a source address that is the Internet address of the at least one particular **node** and said first MAC address of said one particular node, the circuit configured to **replace** the first **MAC address** contained in the received packet header with the **second MAC address** before said packet is transmitted into said network **and leaving** the Internet **address** unencrypted and its position in the packet header unchanged, and(2) for a packet received... .. Basic Derwent Week: **199720**...

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12/3,K/85 (Item 67 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0008120279 *Drawing available*WPI Acc no: 1997-219488/**199720**

XRPX Acc No: N1997-181465

Switching hub for ARP telephone answering service - has ARP module which constructs response frame, when transmitting agency network address for transmitting agency MAC address of received frame exists

Patent Assignee: HITACHI CABLE LTD (HITD)

Inventor: KIYO R

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 9064900	A	19970307	JP 1995217178	A	19950825	199720	B

Priority Applications (no., kind, date): JP 1995217178 A 19950825

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 9064900	A	JA	5	4	

...has ARP module which constructs response frame, when transmitting agency network address for transmitting agency MAC address of received frame exists ... Basic Derwent Week: 199720...

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12/3,K/86 (Item 68 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0008016247 *Drawing available*WPI Acc no: 1997-109210/**199710**

Related WPI Acc No: 1997-067699; 1997-067700; 1997-109209; 1997-109234; 1997-109208

XRPX Acc No: N1997-090328

Destination ATM address determining method - transmitting address resolution request via client server network to emulation LAN of destination LAN emulation client and sending back address resolution response

Patent Assignee: SIEMENS AG (SIEI)

Inventor: FROMM I; KARAPETKOV S; PETRI B

Patent Family (7 patents, 18 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1997002684	A1	19970123	WO 1996DE1170	A	19960701	199710	B
EP 836778	A1	19980422	EP 1996921876	A	19960701	199820	E
			WO 1996DE1170	A	19960701		
CN 1194745	A	19980930	CN 1996196645	A	19960701	199907	E
US 5974452	A	19991026	WO 1996DE1170	A	19960701	199952	E
			US 1997981268	A	19971222		
EP 836778	B1	20020410	EP 1996921876	A	19960701	200227	E
			WO 1996DE1170	A	19960701		
DE 59609069	G	20020516	DE 59609069	A	19960701	200240	E
			EP 1996921876	A	19960701		
			WO 1996DE1170	A	19960701		
CN 1078996	C	20020206	CN 1996196645	A	19960701	200514	E

Priority Applications (no., kind, date): DE 19524504 A 19950705; DE 19536271 A 19950928

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1997002684	A1	DE	40	7		
National Designated States,Original	CN US					
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 836778	A1	DE			PCT Application	WO 1996DE1170
					Based on OPI patent	WO 1997002684
Regional Designated States,Original	DE FR GB IT					
US 5974452	A	EN			PCT Application	WO 1996DE1170
					Based on OPI patent	WO 1997002684
EP 836778	B1	DE			PCT Application	WO 1996DE1170
					Based on OPI patent	WO 1997002684
Regional Designated States,Original	DE FR GB IT					
DE 59609069	G	DE			Application	EP 1996921876
					PCT Application	WO 1996DE1170
					Based on OPI patent	EP 836778
					Based on OPI patent	WO 1997002684

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**Method for the determination of a destination ATM address as **reply** to an address resolution inquiry **output** by a **source** LAN emulation client of a **first** ELAN when the **destination MAC address** to be resolved is allocated to at **least one** LAN emulation client of a second ELAN and the first as well as the second ELAN... and handover to an LAN emulation server LES of the second ELAN in the ELAN **frame** format; resolution of the destination **MAC** address into an appertaining ATM **address** by this **LAN emulation server** of the second ELAN and **output** of an address resolution **response**; encapsulation of this **address** resolution **response** into the **frame** format of the CLS wide-**area** network and **transmission** to the first ELAN; de-encapsulation of the **encapsulated** address resolution **response** and handover to the source LAN emulation client... emulation server LES of the second ELAN in the ELAN frame format; resolving the target **MAC** address into an associated **ATM** address by means of this LAN emulation client (LEC A)... responsible for the address type of the second ELAN in the ELAN frame format; resolving the destination **MAC** address into an appertaining ATM **address** by the **LAN** emulation **server** of the second ELAN and **outputting** an address resolution **response**; encapsulating the address resolution **response** into the frame format of the CLS wide-area network (CLS net) and **transmission** to the first channel; extraction of the encapsulated address resolution **response** and **transfer** to the **originating** LAN emulation client (LEC A)... responsible for the address type of the second ELAN in the ELAN frame format; resolving the destination **MAC** address into an appertaining ATM **address** by the **LAN** emulation **server** of the second ELAN and **outputting** an address resolution **response**; encapsulating the address resolution **response** into the frame format of the CLS wide-area network and **transmitting** the encapsulated address resolution **response** to the first ELAN; de-encapsulating the encapsulated address resolution response and handing over the... Basic Derwent Week: **199710...**

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12/3.K/87 (Item 69 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0007778204 *Drawing available*WPI Acc no: 1996-404319/**199641**

XRPX Acc No: N1996-340608

Sub-ELAN interconnecting apparatus - has several ELAN hubs interconnected over high speed backbone along with address, route and configuration services.

Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T (AMTT); AT & T CORP (AMTT); AT & T IPM CORP (AMTT)

Inventor: CHANG T P; CHANG T P P; CIVANLAR S; SAKSENA V R

Patent Family (10 patents, 9 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 731582	A2	19960911	EP 1996301481	A	19960305	199641	B
CA 2169493	A	19960911	CA 2169493	A	19960214	199702	E
US 5600644	A	19970204	US 1995402235	A	19950310	199711	E
JP 9008838	A	19970110	JP 199650693	A	19960308	199712	E
EP 731582	A3	19970625	EP 1996301481	A	19960305	199737	E
CN 1135689	A	19961113	CN 1996103945	A	19960308	199804	E
MX 199600885	A1	19970201	MX 1996885	A	19960307	199818	E
SG 64900	A1	19990525	SG 19966416	A	19960308	199934	E
CA 2169493	C	20000411	CA 2169493	A	19960214	200035	E
MX 195361	B	20000228	MX 1996885	A	19960307	200118	E

Priority Applications (no., kind, date): US 1995402235 A 19950310

Priority Applications (no., kind, date): US 1995462283 A 19950310

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 731582	A2	EN	23	10		
Regional Designated States, Original		DE ES FR GB				
CA 2169493	A	EN				
US 5600644	A	EN	20	10		
JP 9008838	A	JA	23			
EP 731582	A3	EN				
SG 64900	A1	EN				
CA 2169493	C	EN				

Original Publication Data by AuthorityArgentinaPublication No. ...Original Abstracts:performing address resolution between the at least two addresses of each ELAN end-point in **response** to requests for such translations. The **broadcast/route server** receives data packets for **broadcast** to a **different** sub-ELAN from which the packets originated and broadcasts the received data packets to at... other sub-ELAN. The broadcast/route server also recognizes that a packet which is a **broadcast** packet at **layer 2** is actually a request for an address resolution at **layer 3**. If so, the broadcast/route server collaborates with the address server to **perform the** necessary address resolution and insures that a **response** is **sent** only to the client originating the request. > ... **Basic Derwent Week: 199641...**

Dialog eLink: Order File History

12/3,K/88 (Item 70 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0007290070 Drawing available

WPI Acc no: 1995-349856/ **199545**

XRPX Acc No: N1995-260745

Duplication-address-check system in LAN - has first transmitter that sends check command to test device and has second transmitter that sends check response when check command is received

Patent Assignee: NEC SOFTWARE KYUSHU LTD (KYUN)

Inventor: HASHIMOTO K

Patent Family (1 patents, 1 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7240751	A	19950912	JP 199428749	A	19940228	199545	B

Priority Applications (no., kind, date): JP 199428749 A 19940228

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7240751	A	JA	4	3	

Alerting Abstract ...that sends a duplication-address check command (XIID-PDU) to a test device with same **media-access control address** within a **LAN**. The **transmitter** elicits a duplication-address check **response** (XIDRSP-PDU) from the test device... Basic Derwent Week: **199545**...

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12/3,K/89 (Item 71 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0006783986 *Drawing available*

WPI Acc no: 1994-169774/**199421**

XRPX Acc No: N1994-133707

Storage device for media access control address in remotely alterable memory - activates LAN communication program which broadcast inquiry for target interactive board to receive location data of board

Patent Assignee: CANON INFORMATION SYSTEMS INC (CANO)

Inventor: RUSSELL W C

Patent Family (6 patents, 4 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 599490	A2	19940601	EP 1993308625	A	19931028	199421	B
EP 599490	A3	19940713	EP 1993308625	A	19931028	199528	E
EP 599490	B1	19971229	EP 1993308625	A	19931028	199805	E
DE 69315964	E	19980205	DE 69315964	A	19931028	199811	E
			EP 1993308625	A	19931028		
US 5841991	A	19981124	US 1992978435	A	19921118	199903	E
JP 3397395	B2	20030414	JP 1993286441	A	19931116	200328	E

Priority Applications (no., kind, date): US 1992978435 A 19921118

Patent Details							
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
EP 599490	A2	EN	77	26			
Regional Designated States,Original	DE FR GB IT						
EP 599490	A3	EN					
EP 599490	B1	EN	77				
Regional Designated States,Original	DE FR GB IT						
DE 69315964	E	DE			Application	EP 1993308625	
					Based on OPI patent	EP 599490	
JP 3397395	B2	JA	83		Previously issued patent	JP 06214926	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**target interactive network board, to receive location information of the target interactive network board in **response** to the **broadcast inquiry**, and to **establish** communication with the target interactive **network** board. The **MAC address** is downloaded to a RAM on the board, verified therein, and loaded into the EPROM from the RAM... target interactive network board, to receive location information of the target interactive network board in **response** to the **broadcast** inquiry, and to establish communication **with** the target **interactive network** board. The **MAC address** is downloaded to a **RAM** on the **board**, **verified** therein, and loaded into the EPROM from the RAM. ... Basic Derwent Week: **199421**...

Dialog eLink: [Order File History](#)

12/3,K/90 (Item 72 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0006551490 *Drawing available*WPI Acc no: 1993-361961/**199346**

XRPX Acc No: N1993-279468

Interfacing local area network to wide area network via media access control manager - using lower-level ARP protocol to adapt physical network addresses to logical IP addresses and lower-level IP protocol to transfer traffic in IP packets

Patent Assignee: ICL PERSONAL SYSTEMS OY (INCM)

Inventor: HIRVINIEMI S

Patent Family (4 patents, 3 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2267418	A	19931201	GB 199311059	A	19930528	199346	B
FI 90710	B	19931130	FI 19922484	A	19920529	199351	E
GB 2267418	B	19951011	GB 199311059	A	19930528	199544	E
US 5802285	A	19980901	US 199367579	A	19930528	199842	E
			US 1995375176	A	19950118		
			US 1996689240	A	19960806		
			US 1997948602	A	19971010		

Priority Applications (no., kind, date): FI 19922484 A 19920529

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
GB 2267418	A	EN	16	5		
FI 90710	B	FI			Previously issued patent	FI 9202484
GB 2267418	B	EN	2	1		
US 5802285	A	EN			Continuation of application	US 199367579
					Continuation of application	US 1995375176
					Continuation of application	US 1996689240

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**LAN; and as an IP destination address, said IP address of said component of the **WAN**, and**transmitting**, by said **MAC** manager, to said TCP/IP software **a reply** message complying with said ARP protocol and containing, as **a** physical source address, an arbitrary constant corresponding to said physical address of said component of... .. Basic Derwent Week: **199346**...

Dialog eLink: [Order File History](#)

12/3,K/91 (Item 73 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0006347821 *Drawing available*WPI Acc no: 1993-145134/**199318**

XRPX Acc No: N1993-110885

Time reference value generation for ring topology LAN - designating one node as time reference manager and broadcasting time reference protocol data incorporated in media access control

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: BRANN; BRANN J J; RALYA T C

Patent Family (3 patents, 5 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 539704	A1	19930505	EP 1992115546	A	19920911	199318	B
JP 5235973	A	19930910	JP 1992232029	A	19920831	199341	E
US 5386542	A	19950131	US 1991785713	A	19911031	199511	E

Priority Applications (no., kind, date): US 1991785713 A 19911031

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 539704	A1	EN	14	5	
Regional Designated States,Original		DE FR GB			
US 5386542	A	EN	12	5	

Original Publication Data by AuthorityArgentinaPublication No. ...**Claims:**TR-PDU; and at a time reference node performing the following steps implemented in a **media access control (MAC)** layer of the **ISO/OSI** communication model: replacing a current **Time Reference Value** with a received time, count and correction value from a local node; constructing and transmitting a new Time Reference Value in a modified TR-PDU; and resetting the clock-**counter** to a specified value in **response** to a set time reference period service call. ... Basic Derwent Week: **199318**...

Dialog eLink: Order File History

12/3,K/92 (Item 74 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0006267979 Drawing available

WPI Acc no: 1993-060254/**199308**

XRPX Acc No: N1993-046012

Frame length control in data transmission using ATM network - involves calculating less rate of cells by watching sequence numbers included in cells in ATm adaption layer

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: HIJIKATA T; TACHIBANA T

Patent Family (6 patents, 5 countries)							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 528370	A2	19930224	EP 1992113880	A	19920814	199308	B
JP 5048638	A	19930226	JP 1991204515	A	19910815	199313	E
CA 2075650	A	19930216	CA 2075650	A	19920810	199318	E
EP 528370	A3	19941109	EP 1992113880	A	19920814	199535	E
US 5535221	A	19960709	US 1992928709	A	19920813	199633	E
CA 2075650	C	19980728	CA 2075650	A	19920810	199841	E

Priority Applications (no., kind, date): JP 1991204515 A 19910815

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 528370	A2	EN	15	11	
Regional Designated States,Original		DE FR GB			
CA 2075650	A	EN			
EP 528370	A3	EN			
US 5535221	A	EN	14		
CA 2075650	C	EN			

Alerting Abstract ...The method involves detecting the **rate** of cells lost in the **transmission** on the asynchronous **transfer** mode **network** in the **second layer** of a hierarchial **reference** model. A length is determined in the first layer in accordance with the detected rate... .. Basic Derwent Week: **199308**...

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